

# VASCULAR PLANTS OF THE YAZOO-MISSISSIPPI DELTA, LOESS BLUFFS, AND NORTH CENTRAL PLATEAU IN GRENADA COUNTY, MISSISSIPPI

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## ABSTRACT

Floristic studies conducted in Grenada County, Mississippi, primarily from 1986 to 1987, and from 1993 to 1996, have resulted in the documentation of 1,129 species of vascular plants representing 529 genera in 153 families. The following categories of vascular plants were cataloged: Lycophytes, 3 species; Equisetophytes, 2 species; Polypodiophytes, 23 species; Gymnosperms, 4 species; Angiosperms, 1,097 species. A complete listing of these 1,131 taxa, which includes two additional infraspecific taxa, is presented along with information on habitats, relative species abundance, land usage, topography, soils of the three physiographic regions included in the study area, rare plants, and exotic vascular plant species in Grenada County.

## RESUMEN

Los estudios florísticos llevados a cabo en el condado de Grenada, Mississippi, primariamente de 1986 a 1987, y de 1993 a 1996, han dado como resultado la documentación de 1,129 especies de plantas vasculares que representan 529 géneros de 153 familias. Se catalogaron las siguientes categorías de plantas vasculares: Lycophytas, 3 especies; Equisetophytas, 2 especies; Polypodiophytas, 23 especies; Gimnospermas, 4 especies; Angiospermas, 1,097 especies. Se presenta un listado completo de estos 1,131 taxa, que incluye dos taxa infraspecíficos adicionales, junto con información sobre los hábitats, abundancia relativa de especies, uso del territorio, topografía, suelos de las tres regiones fisiográficas incluidas en el área de estudio, plantas raras, y especies de plantas vasculares exóticas en el condado de Grenada.

## INTRODUCTION

Located in north central Mississippi about 160 km north of Jackson, MS, and about 160 km south of Memphis, TN, Grenada County includes parts of three physiographic regions (Fig. 1): the nearly flat alluvial plain in the western part of the county known as the Yazoo-Mississippi Delta (or Delta); the Loess Bluffs, a long north-south line of hills arising abruptly at the eastern edge of the Delta; and the North Central Plateau, an ancient, eroded plateau in the eastern part of the county (Lowe 1921). The Yalobusha River, a major tributary of the Yazoo River, forms a floodplain as it flows from east to west through each physiographic region. In addition, in order to prevent flooding and erosion and for recreational purposes, the Yalobusha River was dammed in the central part of the county to create Grenada Lake. It should be noted that the Yazoo-Mississippi Delta is not the true delta of the Mississippi River, which is located approximately 560 km farther south (Carter et al. 1990).

Three different forest regions of the Deciduous Forest Formation (Braun 1950) are present in Grenada County, largely corresponding with the physiographic regions within the area. The Delta is a part of the Mississippi Alluvial Plain of the Southeastern Evergreen Forest Region. Although mapped in this region, much of the Delta not used for agricultural purposes is covered with bottomland deciduous hardwood forests, marshes, and swamp forests; pines are absent as native species as are most broad-leaved evergreen species. The Loess Bluffs are located in the Mississippi Embayment Section of the Western Mesophytic Forest Region and are characterized by nutrient-rich hardwood forests in deep ravines and on bluffs and by providing a cool, moist microclimate that supports vascular plant species characteristic of the Appalachian Mountains and more northern latitudes, as well as regional endemic and calciphilic species. The North Central Plateau is included in the Gulf Slope Section of the Oak-Pine Forest Region. Plant communities here are indicative of much of the Inner Gulf Coastal Plain of the southeastern United States and range from acidic, well-drained oak-pine woods to localized bog and spring branch habitats supporting plants with both northern and southern affinities.

Concerning the topography of Grenada County, low points of approximately 39.4 m (130 ft) above sea





FIG. 1. Location of Grenada County, Mississippi.

level are located in the Yazoo-Mississippi Delta; a hill in the North Central Plateau of the southeastern part of the study area rises approximately 163.6 m (540 ft) above sea level. The two extremes of elevation give a total relief of 124.2 m (410 ft).

Soils of the Delta Region are primarily of the Alligator-Forestdale association (Thomas & Bowen 1967). These soils are silty or clayey and generally poorly drained. The silty soils were washed down from the nearby Loess Bluffs and deposited in this area by the Yalobusha River and large streams and creeks. The clayey soils formed in alluvium of the Mississippi River. Soil reaction is usually moderately acid to circumneutral.

The Loess Bluffs are in a nearly level to very steep area where the silty soils are derived from loess. The mantle of loess is about 9.1 m (30 ft) thick at its extreme western edge in Grenada County, but it thins progressively toward the east (Thomas & Bowen 1967). Soil associations of the Loess Bluff Region are Memphis, Memphis-Guin, Memphis-Loring, and Providence-Loring-Ruston, which are silty, sandy, or gravelly, well-drained soils that are generally circumneutral to moderately acid.

The main soil associations of the North Central Plateau are Ruston-Cuthbert-Providence, Tippah-Boswell-Dulac, and Ruston-Providence (Thomas & Bowen 1967). These are sandy, silty, or clayey soils that usually have a strongly acid reaction;

they are poorly to well-drained. On some of the ridges, a thin layer of loess remains, but geologic erosion has removed the loess from the side slopes.

Agriculture plays an important role in the economy of Grenada County. As a result, many of the level Areas that are not poorly drained have been cleared and are now present as cultivated fields or pastures. The bottomlands along the Yalobusha River and one of its major tributaries, the Batupan Bogue, are now almost entirely under cultivation; but they were originally timbered with many species of oaks and hickories among other hardwoods (Hilgard 1860). Crops grown include cotton, soybeans, corn, rice, wheat, and other grains.

The lumber industry contributes to the economy of Grenada County. Pine monocultures frequently replace upland oak-hickory or pine-oak-hickory forests in areas that have been clearcut in the eastern part of the county. This practice generally reduces overall biodiversity and sets up conditions for uncontrolled plant diseases and increased erosion, and also creates corridors for the spread of invasive plant species.

Since the settlement of the area, the formation of Grenada Lake, and because of agricultural practices and the lumber industry, much of the natural vegetation has been drastically altered. However, areas of minimal disturbance where native species are the predominant flora still remain in the county, especially sites that are either poorly drained or too steep to be subject to mass deforestation.

One of the first vegetational surveys conducted in northern Mississippi only included areas north or south of Grenada County (Harper 1913). Since that time, very little intensive field work has been carried out within and adjacent to Grenada County. Therefore, prior to our studies, the flora was poorly known. The second author conducted a floristic survey of Camp McCain, a military training area within Grenada County that the first author did not have permission to inventory.

#### MATERIALS AND METHODS

Collecting trips were made by the first author at regular intervals from March 1986 to November 1987, and by the second author from 1993-1996. Voucher specimens of each vascular plant species encountered were prepared using standard herbarium techniques for deposit in the Institute of Botanical Exploration (IBE), and other herbaria.



Manuals and guides consulted in the determination of species and for current nomenclature include the following: Clewell (1985), Correll & Johnston (1970), FNA (1993+), Godfrey (1988), Godfrey & Wooten (1979, 1981), Radford et al. (1968), Steyermark (1963), Weakley (2011), Wofford (1989), and Wunderlin (1998). Works on the flora of Mississippi that have some bearing on the vascular plants of Grenada County are: Bryson (1984), Bryson & Carter (1994), Bryson & Morris (1988, 1992), Bryson et al. (1994), Evans (1978), Gunn et al. (1980), Jones (1974a, 1974b, 1975a, 1975b, 1976a, 1976b), Jones et al. (1969), Lowe (1921), Morris (1989), Morris et al. (1993), Morris (1997), Pullen et al. (1968), and Sorrie & Leonard (1999). Nomenclature primarily follows Weakley (2011). Standardized abbreviations for authority names are from The International Plant Names Index (2012).

## RESULTS AND DISCUSSION

Field work conducted mostly in 1986–1987 (Morris 1987) and in 1993–1996 has resulted in the documentation of 1,129 species of vascular plants. Two additional infraspecific taxa were also documented for a total 1,131 taxa. The major families are: Poaceae, 140 species; Asteraceae, 132 species; Cyperaceae, 107 species; and Fabaceae, 83 species. Many of the most noteworthy taxa, including the first documented Mississippi populations of *Equisetum arvense* L., *Dryopteris xaustralis* (Wherry) Small, and *Cyperus lancastriensis* Porter in A. Gray, were previously reported from Grenada County by the author (Morris 1988, Morris & Bryson 1986). The additional collections of *Aristida ramosissima* Engelm. ex A. Gray and *Lepidium densiflorum* Schrad. made by the second author from Grenada County record these species as new to Mississippi. Forty-six taxa considered rare or uncommon to critically imperiled in Mississippi and tracked by the Mississippi Natural Heritage Program (2006a) were located during the course of field surveys (Table 1). Eight of these species, *Equisetum arvense*, *Dryopteris xaustralis*, *Osmorhiza longistylis*, *Panax quinquefolius*, *Pachysandra procumbens*, *Platanthera cristata*, *Schisandra glabra*, and *Chelone glabra*, are illustrated (Figs. 2, 3, 4, 5, 6, 7, 8, 9). In addition, nine vascular plant species on the Mississippi Natural Heritage Program Special Plants Watch List (2006b), *Antennaria solitaria*, *Comandra umbellata*, *Dasistoma macrophyllum*, *Rhynchosia latifolia*, *Carex albicans* var. *albicans*, *Carex meadii*, *Carex oklahomensis*, *Lilium superbum*, and *Melanthium* (= *Veratrum*) *virginicum*, all of which have S3S4 rank-ings, were documented in Grenada County. Based on this study, it was determined that approximately 18.4% of the flora is not native to the area.

A systematic list of the vascular flora of Grenada County, Mississippi has never been presented. Thus, following is a list of native and naturalized vascular plants of this area based on collections by the authors (Morris 1987). It is arranged alphabetically by family and species under the major taxonomic divisions. Herbarium specimens based on this study are primarily housed in IBE, and specimens were also deposited in DSC, MICH, MISSA, SWSL, ctb (personal herbarium of Charles T. Bryson), mwm (personal herbarium of Michael Wayne Morris), jrm (personal herbarium of John R. MacDonald), and other herbaria. Information on relative abundance, habitats, and the physiographic region(s) in which each taxon occurs is also included. Relative abundance terms are ranked from highest to lowest as follows: Abundant, Common, Frequent, Occasional, Infrequent, Uncommon, and Rare. An asterisk (\*) indicates the species is most common in a particular region. Physiographic regions are indicated as follows: **YMD** = Yazoo-Mississippi Delta; **LB** = Loess Bluffs; **NCP** = North Central Plateau; **LB/YMD & LB/NCP** = transition areas; and “Throughout” = throughout county. “Introduced” means the species is likely not native to the area. Regarding collection numbers, **MWM** = Morris, and **JRM** = MacDonald.

## LYCOPHYTES

### Lycopodiaceae

*Lycopodium alopecuroides* L. Rare; exposed seepage slope; NCP. JRM 8973

*Lycopodium appressum* (Chapm.) Lloyd & Underw. Rare; wet meadows and open sandy bogs; NCP. MWM 2803, 3054; JRM 8984

### Selaginellaceae

*Selaginella apoda* (L.) Spring. Infrequent; wet meadows and stream banks; LB, NCP. MWM 546; JRM 7860

## EQUISETOPHYTES

### Equisetaceae

*Equisetum arvense* L. Rare (although locally common); sandy stream and creek banks; LB. MWM 590, 722, 2747

*Equisetum hyemale* L. Occasional (locally abundant); sandy stream and creek banks; LB. MWM 533



TABLE 1. Vascular plant species in Grenada County, Mississippi on Mississippi Natural Heritage Program special plants tracking list along with state ranking regarding conservation status.

<i>Agalinis viridis</i> S2S3	<i>Matelea carolinensis</i> S3
<i>Aralia racemosa</i> S1?	<i>Matelea obliqua</i> S2?
<i>Asclepias hirtella</i> S2	<i>Muhlenbergia sylvatica</i> SU
<i>Asclepias purpurascens</i> S1	<i>Osmorhiza longistylis</i> S3
<i>Carex decomposita</i> S3	<i>Pachysandra procumbens</i> S3
<i>Carex grisea</i> S1	<i>Panax quinquefolius</i> S3
<i>Carex stricta</i> S2	<i>Penstemon tenuis</i> S2S3
<i>Carya leiodermis</i> S2S3	<i>Platanthera cristata</i> S3
<i>Celastrus scandens</i> S2S3	<i>Platanthera lacera</i> S1S2
<i>Cheilanthes lanosa</i> S2	<i>Platanthera peramoena</i> S2S3
<i>Chelone glabra</i> S3	<i>Pycnanthemum verticillatum</i> var. <i>pilosum</i> S1
<i>Crataegus calpodendron</i> S3	<i>Quercus similis</i> S3
<i>Cypripedium parviflorum</i> var. <i>pubescens</i> S2S3	<i>Rudbeckia subtomentosa</i> S1
<i>Dryopteris xaustralis</i> S1	<i>Sabatia campestris</i> S2S3
<i>Echinacea purpurea</i> S3	<i>Schisandra glabra</i> S3
<i>Equisetum arvense</i> S1S2	<i>Scleria reticularis</i> S2
<i>Fraxinus profunda</i> S3	<i>Spiranthes lacera</i> var. <i>gracilis</i> S2S3
<i>Hybanthus concolor</i> S2S3	<i>Spiranthes ovalis</i> S2S3
<i>Iris fulva</i> S3	<i>Staphylea trifolia</i> S3
<i>Isotria verticillata</i> S3	<i>Symphyotrichum puniceum</i> S1
<i>Juglans cinerea</i> S2	<i>Triosteum angustifolium</i> S3
<i>Lobelia appendiculata</i> S2S3	<i>Triphora trianthophora</i> S2S3
<i>Luzula acuminata</i> S3	<i>Ulmus serotina</i> S3

POLYPODIOPHYTES

- Aspleniaceae**  
*Asplenium platyneuron* (L.) Britton, Sterns & Poggenb. Common; low to upland woods, thickets, and old fields; Throughout. MWM 2928; JRM 7571
- Blechnaceae**  
*Woodwardia areolata* (L.) Moore. Frequent; bogs, spring branches, and seepage slopes; LB, NCP\*. MWM 380; JRM 7682
- Dennstaedtiaceae**  
*Pteridium aquilinum* (L.) Kuhn. Common; old fields and upland woods; LB, NCP. MWM 2942; JRM 7405
- Dryopteridaceae**  
*Athyrium filix-femina* (L.) Roth. Frequent; rich and low woods, seepage areas and spring branches; throughout (rare in YMD). MWM 957; JRM 7413  
*Dryopteris x australis* (Wherry) Small. Rare; swampy woods at base of bluff; LB. MWM 2910, 2955  
*Onoclea sensibilis* L. Frequent; low woods, marshes, and seepage slopes; throughout. MWM 986a; JRM 7618  
*Polystichum acrostichoides* (Michx.) Schott. Common; rich woods; LB, NCP. MWM 3065; JRM 7412  
*Woodsia obtusa* (Spreng.) Torr. Rare; rich woods; LB, LB/NCP. MWM 2960; JRM 7251
- Lygodiaceae**  
*Lygodium japonicum* (Thunb.) Sw. Uncommon; low disturbed areas in second-growth forests; LB/NCP. Introduced. JRM 7616, 9122
- Ophioglossaceae**  
*Botrychium biternatum* (Sav.) Underw. Common; low and rich woods, old fields, and thickets; throughout. MWM 2678; JRM 7623  
*Botrychium virginianum* (L.) Sw. Common; rich woods; LB\*, NCP. MWM 956

- Ophioglossum vulgatum* L. Occasional; bottomland woods; LB, NCP, YMD\*. MWM 631, 2713, 2753; JRM 7319
- Osmundaceae**  
*Osmunda cinnamomea* L. Frequent; bogs, spring branches, and seepage slopes; LB, NCP\*. MWM 740  
*Osmunda regalis* L. var. *spectabilis* (Willd.) A. Gray. Frequent; bogs, spring branches, seepage slopes, and swampy woods; LB, NCP\*. MWM 761; JRM 7414
- Polypodiaceae**  
*Polypodium polypodioides* (L.) Watt. Common; epiphytic on living trees, on fallen logs, and rarely on bare soil; throughout. MWM 2911; JRM 7320
- Pteridaceae**  
*Adiantum pedatum* L. Frequent; rich woods; LB\*, NCP. MWM 763  
*Cheilanthes lanosa* (Michx.) D.C. Eaton. Rare; sandstone outcrops; NCP. JRM 8224
- Salviniaceae**  
*Azolla caroliniana* Willd. Occasional; aquatic in bald cypress-water tupelo swamps and in sloughs; throughout. MWM 2735
- Thelypteridaceae**  
*Macrothelypteris torresiana* (Gaudich.) Ching. Infrequent; low disturbed areas in hardwood forests; LB/NCP. Introduced. JRM 7615, 9120  
*Phegopteris hexagonoptera* (Michx.) Fee. Frequent; rich woods; LB, NCP. MWM 3069; JRM 7470  
*Thelypteris kunthii* (Desv.) Morton. Rare; moist meadows in upland hardwoods; LB/NCP. JRM 7613, 9121  
*Thelypteris noveboracensis* (L.) Nieuwl. Rare; seepage slopes and boggy woods; NCP. MWM 2896  
*Thelypteris palustris* Schott. Rare; seepage areas and swampy woods; LB, NCP. MWM 2954, 3008





FIG. 2. *Equisetum arvense*.



FIG. 3. *Dryopteris x australis*.



FIG. 4. *Osmorhiza longistylis*.

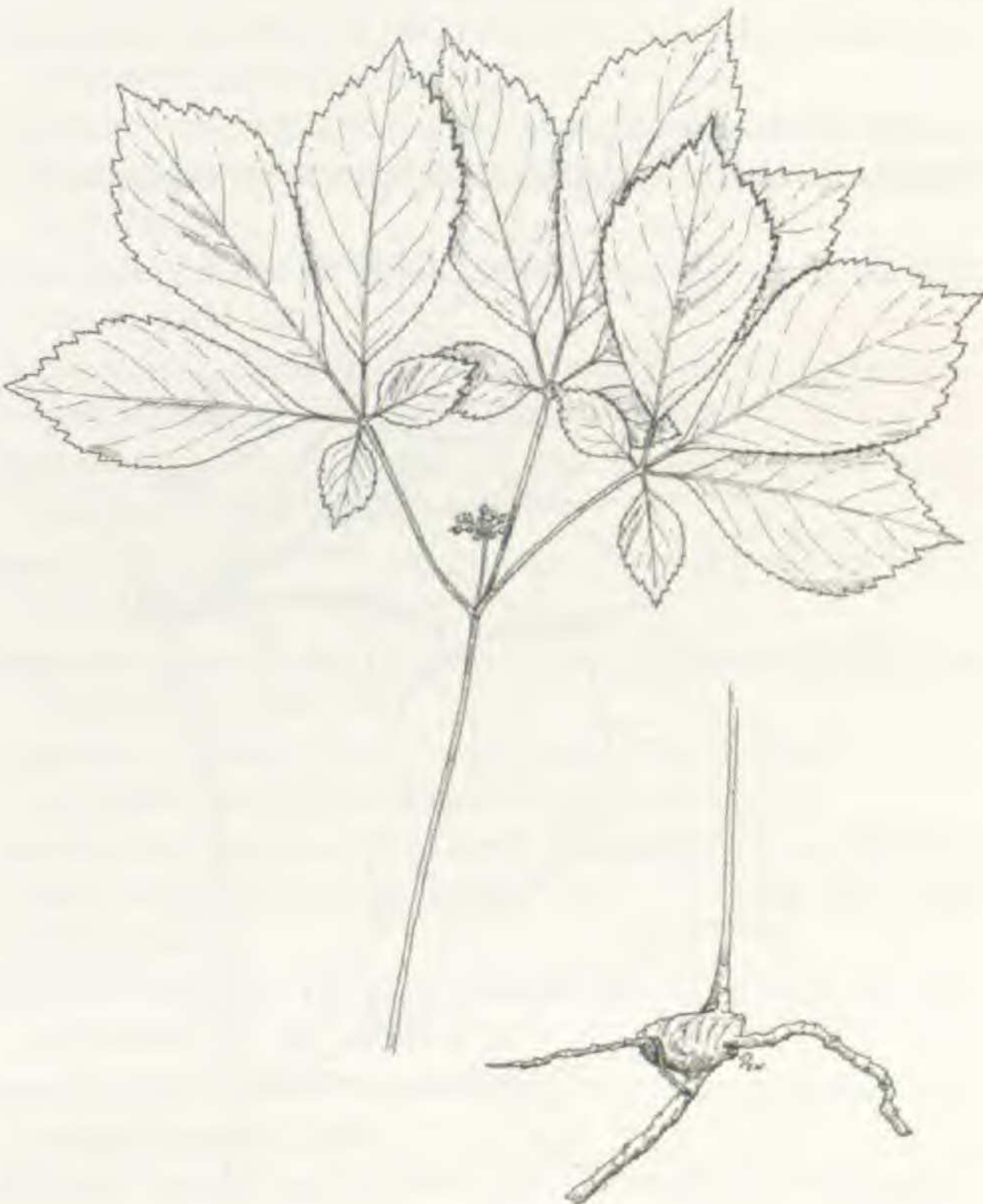


FIG. 5. *Panax quinquefolius*.





FIG. 6. *Pachysandra procumbens*.



FIG. 7. *Platanthera cristata*.



FIG. 8. *Schisandra glabra*.



FIG. 9. *Chelone glabra*.



## GYMNOSPERMS

## Cupressaceae

- Juniperus virginiana* L. Common; upland woods, old fields, and fence rows; throughout (rare in YMD). MWM 3066; JRM 7375  
*Taxodium distichum* (L.) Rich. Frequent; swamp forests and sloughs; LB, NCP, YMD\*. MWM 2884a; JRM 8330

## Pinaceae

- Pinus echinata* Mill. Common; upland woods and old fields; LB, NCP\*. MWM 3067; JRM 9027  
*Pinus taeda* L. Uncommon; old fields, along streams, and upland woods; NCP. Planted throughout and common in the introduced state. MWM 2995

## ANGIOSPERMS

## Acanthaceae

- Justicia lanceolata* Small. Frequent; low woods and marshes; LB, NCP, YMD\*. MWM 1020  
*Ruellia caroliniensis* (Walter) Steud. Occasional; upland woods to well-drained bottomland woods; throughout. MWM 1176; JRM 8851  
*Ruellia strepens* L. Uncommon; bottomland hardwood forests; YMD, LB/YMD. MWM 2899

## Adoxaceae

- Sambucus nigra* L. ssp. *canadensis* (L.) Bolli. Common; woodland borders, creek banks, and Roadsides; throughout. MWM 1189a; JRM 8789  
*Viburnum nudum* L. Occasional; bogs and spring branches; NCP. MWM 2399, 2401  
*Viburnum rufidulum* Raf. Occasional; upland woods; LB, NCP. MWM 585, 589, 938, 2457a, 2550; JRM 7376

## Agavaceae

- Manfreda virginica* (L.) Rose. Frequent; dry woods and roadsides; LB, NCP. MWM 2290; JRM 8975  
*Yucca flaccida* Haw. Infrequent; roadsides and old house sites; LB, NCP. Introduced. MWM s.n.

## Alismataceae

- Echinodorus cordifolius* (L.) Griseb. Occasional; marshes and margins of sloughs; LB, NCP, YMD\*. MWM 2267; JRM 9229  
*Sagittaria engelmanniana* J.G. Sm. Infrequent; bogs and spring branches; NCP. MWM 3019; JRM 7781  
*Sagittaria latifolia* Willd. Occasional; marshes, mudflats, and margins of sloughs; throughout. MWM 3032; JRM 8946  
*Sagittaria montevidensis* Cham. & Schltdl. Infrequent; marshes and margins of sloughs; YMD, LB/YMD. Introduced. MWM 2865

## Altingiaceae

- Liquidambar styraciflua* L. Common; low to upland woods; throughout. MWM 2038; JRM 8283

## Amaranthaceae

- Amaranthus hybridus* L. Common; cultivated fields and roadsides; throughout. Introduced. MWM 2471; JRM 8124  
*Amaranthus spinosus* L. Common; cultivated fields and roadsides; throughout. Introduced. MWM 2473; JRM 7496, 9750  
*Amaranthus tuberculatus* (Moq.) J.D. Sauer. Infrequent; margins of bald cypress-water tupelo swamps and sloughs; YMD. Introduced. MWM 2997

## Amaryllidaceae

- Allium ampeloprasum* L. Infrequent; roadsides; throughout. Introduced. MWM 2849  
*Allium canadense* L. Frequent; meadows and woodland borders; throughout (rare in YMD). MWM 858; JRM 8420

*Allium vineale* L. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 2022

*Hymenocallis occidentalis* (LeConte) Kunth. Occasional; low and rich woods; throughout. MWM 2474

*Hypoxis hirsuta* (L.) Coville. Uncommon; dry-mesic hardwoods; NCP. JRM 7027

*Narcissus poeticus* L. Occasional; roadsides and old house sites; throughout. Introduced. MWM 2768; JRM 8493

*Narcissus pseudo-narcissus* L. Occasional; roadsides and old house sites; throughout. Introduced. MWM 2706

*Nothoscordum bivalve* (L.) Britton. Frequent; pastures, roadsides, and woodland borders; throughout (rare in YMD). MWM 547

## Anacardiaceae

*Pistachia chinensis* Bunge. Persistent at old house site; NCP. Introduced. JRM 7223

*Rhus copallina* L. Common; woodlands and clearcut areas; LB, NCP. MWM 2147; JRM 8994

*Rhus glabra* L. Common; woodland borders, roadsides, and clearcut areas; throughout. MWM 2016; JRM 9028

*Toxicodendron radicans* (L.) Kuntze. Abundant; low to upland woods, fencerows, and waste places; throughout. MWM 3043

*Toxicodendron toxicarium* (Salisb.) Gillis. Infrequent; dry upland woods; NCP. JRM 7058

## Annonaceae

*Asimina triloba* (L.) Dunal. Frequent; rich and bottomland woods; throughout. MWM 545; JRM 7693

## Apiaceae

*Ammoselinum butleri* J. M. Coult. & Rose. Rare; roadside ditch; NCP. Introduced. JRM 8335

*Chaerophyllum tainturieri* Hook. Common; fields, meadows, and roadsides; throughout. MWM 607

*Cicuta maculata* L. Common; low woods, wet meadows, and ditches; throughout. MWM 2028, 2408, 2961, 3034; JRM 8764 [Some robust individuals of this species were incorrectly determined as *Angelica atropurpurea* L. in Morris (1988).]

*Cryptotaenia canadensis* (L.) DC. Frequent; rich and low woods; LB\*, NCP, YMD. MWM 934; JRM 7782

*Cyclospermum leptophyllum* (Pers.) Sprague ex Britton & Wilson. Rare; edges of fields and roadside ditches in uplands; LB/NCP, NCP. JRM 8773

*Cynosciadium digitatum* DC. Occasional; low, wet woods; LB, NCP, YMD\*. MWM 1069

*Daucus carota* L. Occasional; roadsides and waste places; throughout. Introduced. MWM 2050; JRM 7318, 8888b

*Daucus pusillus* Michx. Infrequent; sandy roadsides and waste places; LB. MWM 1169; JRM 8799

*Eryngium integrifolium* Walt. Uncommon; bogs and spring branches; NCP. MWM 2457; JRM 9052

*Eryngium prostratum* Nutt. Frequent; wet meadows and ditches; throughout. MWM 1188

*Eryngium yuccifolium* Michx. Frequent; borders of upland woods, roadsides, and clearcut areas; LB, NCP\*. MWM 2150

*Limnoscium pinnatum* (DC.) Math. & Const. Infrequent; ditches and margins of low, wet woods; YMD, NCP. MWM 2852; JRM 7270, 8794

*Osmorhiza longistylis* (Torr.) DC. Occasional; rich woods; LB\*, LB/NCP. MWM 717, 764; JRM 8471

*Oxypolis rigidior* (L.) Raf. Occasional; bogs and spring branches; NCP. MWM 2451; JRM 9068

*Ptilimnium capillaceum* (Michx.) Raf. Common; wet meadows, marshes, and roadside ditches; throughout. MWM 2028a, 2145a; JRM 8214b



- Ptilimnium nuttallii* (DC.) Britton. Uncommon; dry meadows and roadsides; NCP. JRM 7269, 8849
- Sanicula canadensis* L. Common; rich and bottomland woods; throughout. MWM 853, 972; JRM 8783
- Sanicula marilandica* L. Uncommon; mesic woods; NCP. MWM 2922
- Sanicula odorata* (Raf.) K. M. Pryer & L. R. Phillippe. Frequent; rich woods; LB\*, LB/NCP. MWM 755; JRM 8782
- Sanicula smallii* C. Bicknell. Occasional; upland woods; NCP. MWM 2814; JRM 8846
- Thaspium trifoliatum* (L.) A. Gray. Frequent; dry-mesic to rich woods and woodland borders; LB, NCP. MWM 765, 2041, 2106a; JRM 7330, 8586b, 9032
- Torilis arvensis* Link. Infrequent; roadsides, fields, and waste places; throughout. Introduced. MWM 2049; JRM 8805
- Trepocarpus aethusae* Nutt. Occasional; bottomland hardwood forests; LB, NCP, YMD\*. MWM 1186

### Apocynaceae

- Amsonia tabernaemontana* Walter. Infrequent; bottomlands and rich woods; LB, NCP, YMD\*. MWM 652
- Apocynum cannabinum* L. Frequent; roadsides and woodland borders; throughout. MWM 940
- Asclepias amplexicaulis* Sm. Occasional; borders of upland woods; NCP. MWM 998; JRM 9471, 8887
- Asclepias hirtella* (Pennell) Woodson. Rare; meadow near rich hardwoods; NCP. MWM 2358
- Asclepias perennis* Walter. Occasional; low, wet woods and swamp forests; LB, NCP, YMD\*. MWM 1067
- Asclepias purpurascens* L. Rare; bottomland hardwood forest; YMD. MWM 2380
- Asclepias tuberosa* L. Common; roadsides, meadows, and borders of upland woods; LB, NCP. MWM 1191; JRM 9081
- Asclepias variegata* L. Frequent; mesic to dry-mesic woods; LB, NCP. MWM 937; JRM 8768, 8779
- Asclepias viridiflora* Raf. Uncommon; borders of upland woods and fields; LB, LB/NCP. MWM 2968; JRM 7238, 8948
- Cynanchum laeve* Pers. Infrequent; fields and thickets; LB, YMD. MWM 2863, 2981
- Gonolobus suberosus* (L.) R. Br. Occasional; thickets and rich woods; throughout. MWM 1189; JRM 8797
- Matelea carolinensis* (Jacq.) Woodson. Infrequent; rich woods; LB\*, NCP. MWM 773; JRM 7838, 8781, 8997
- Matelea obliqua* (Jacq.) Woodson. Rare; dry-mesic woods; NCP. JRM 9481
- Trachelospermum difforme* (Walter) A. Gray. Frequent; bottomland woods, thickets, and marshes; throughout. MWM 987; JRM 8778
- Vinca major* L. Rare; old house sites; NCP. Introduced. MWM 2720

### Aquifoliaceae

- Ilex decidua* Walter. Common; low to upland woods and thickets; throughout. MWM 650; JRM 7379 [The additional collections JRM 7059, 7331 correspond with *I. decidua* var. *longipes* (Chapm. ex Trel.) Ahles.]
- Ilex opaca* Aiton. Frequent; rich and bottomland woods; throughout. MWM 2137; JRM 7374
- Ilex verticillata* (L.) A. Gray. Infrequent; bogs and spring branches; NCP. MWM 2154, 2692
- Ilex vomitoria* Aiton. Rare; at margin of pine plantation; LB/NCP. Introduced. JRM s.n.

### Araceae

- Arisaema dracontium* (L.) Schott. Frequent; rich and low woods; throughout. MWM 754, 766
- Arisaema triphyllum* (L.) Schott ssp. *quinatum* (Nutt.) Huttleston. Common; rich and bottomland woods; throughout. MWM 723; JRM 8477

- Arisaema triphyllum* (L.) Schott ssp. *triphyllum*. Occasional; rich woods; LB\*, NCP. MWM 860
- Lemna perpusilla* Torr. Frequent; aquatic in bald cypress-water tupelo swamps and sluggish streams; throughout. MWM 2275, 2715
- Orontium aquaticum* L. Uncommon; acid streams and spring branches; NCP. MWM 548
- Peltandra virginica* (L.) Kunth. Uncommon; along streams in low woods and margins of bald cypress-water tupelo swamps; LB/YMD. MWM 2771, 2864
- Spirodela polyrhiza* (L.) Schleid. Occasional; aquatic in bald cypress-water tupelo swamps and sluggish streams; throughout. MWM 2716, 2767
- Wolffia brasiliensis* Wedd. Infrequent; aquatic in bald cypress-water tupelo swamps; YMD. MWM 2373
- Wolffiella gladiata* (Hegelm.) Hegelm. Occasional; aquatic in bald cypress-water tupelo swamps; YMD, LB/YMD. MWM 2714

### Araliaceae

- Aralia racemosa* L. Rare; rich woods; LB/NCP. JRM 9163
- Aralia spinosa* L. Common; upland woods, thickets, and creek banks; throughout. MWM 2387; JRM 8164
- Hydrocotyle ranunculoides* L. f. Rare; swampy depression at base of bluff; LB/YMD. MWM 2746
- Hydrocotyle verticillata* Thunb. Occasional; margins of bald cypress-water tupelo swamps and low, wet woods; LB, NCP, YMD\*. MWM 2350
- Panax quinquefolius* L. Infrequent; rich woods; LB\*, NCP. MWM 2236; JRM 7067, 8978

### Areaceae

- Sabal minor* (Jacq.) Pers. Frequent; low woods; YMD\*, LB. MWM 3028

### Aristolochiaceae

- Aristolochia serpentaria* L. Frequent; mesic to bottomland woods; throughout. MWM 962
- Aristolochia tomentosa* Sims. Frequent (locally abundant); in bottomland hardwood forests on natural levees of large creeks and the Yalobusha River; throughout. MWM 945, 1004

### Asparagaceae

- Asparagus officinalis* L. Infrequent; roadsides; LB. Introduced. MWM 2933

### Asteraceae

- Achillea millefolium* L. Infrequent; pastures and roadsides; LB, NCP. Introduced. MWM 2840; JRM 8798
- Acmella oppositifolia* (Lam.) R.K. Jansen. Frequent; swamp forests and low, wet woods; LB, YMD\*. MWM 2348
- Ageratina altissima* (L.) R. M. King & H. Rob. Occasional; rich woods; LB\*, NCP. MWM 2352; JRM 7768, 9182
- Ambrosia artemisiifolia* L. Abundant; pastures, fields, roadsides, and woodland borders; throughout. MWM 2564; JRM 7483
- Ambrosia bidentata* Michx. Infrequent; borders of upland woods and roadsides; NCP. MWM 2528; JRM 7295, 7401, 9071
- Ambrosia trifida* L. Abundant; woodland borders, creek banks, and roadsides; throughout. MWM 2556, 2689; JRM 7617
- Antennaria plantaginifolia* Hook. Common; upland woods and clearings; LB, NCP. MWM 600; JRM 8324
- Antennaria solitaria* Rydb. Infrequent; upper slopes in rich hardwood forests; LB, NCP. MWM 532, 2728; JRM 9292
- Anthemis cotula* L. Occasional; roadsides, fields, and waste places; throughout. Introduced. MWM 1001
- Arnoglossum atriplicifolium* (L.) H. Rob. Occasional; dry-mesic to rich woods and woodland borders; LB, NCP. MWM 2481; JRM 8993
- Arnoglossum ovatum* (Walter) H. Rob. Occasional; bogs and spring branches; NCP. MWM 2453; JRM 7469, 9054
- Baccharis halimifolia* L. Occasional; woodland borders, old fields,



- clearcut areas, and waste places; throughout. MWM 2683; JRM 8213
- Bidens aristosa* (Michx.) Britton. Common; ditches, woodland borders, and waste places; throughout. MWM 2295, 3035; JRM 7624
- Bidens bipinnata* L. Occasional; borders of upland woods and waste places; LB, NCP. MWM 2386; JRM 9172
- Bidens discoidea* (Torr. & A. Gray) Britton. Frequent; swamp forests and low, wet woods; LB, NCP, YMD\*. MWM 2374, JRM 9222
- Bidens frondosa* L. Occasional; roadsides, fields, and woodland borders; LB, NCP. JRM 9228
- Boltonia asteroides* L'Her. Infrequent; old fields; YMD, LB. MWM 3059
- Boltonia diffusa* Elliott. Common; borders of low and upland woods, old fields, and roadside ditches; throughout. MWM 2475; JRM 7364
- Brickellia eupatorioides* (L.) Shinn. Infrequent; upland woods and clearcut areas; NCP. MWM 2653; JRM 8091, 9176
- Centaurea maculosa* Lam. Rare; roadside at edge of upland woods; NCP. Introduced. JRM 7218
- Chrysopsis mariana* (L.) Elliott. Common; upland woods and roadsides; LB, NCP. MWM 2646a; JRM 7843, 9205
- Cirsium altissimum* (L.) Hill. Infrequent; clearings in upland woods; LB\*, LB/NCP. MWM 2465; JRM 7468
- Cirsium carolinianum* (Walter) Fernald & B. G. Schub. Infrequent; dry upland woods and clearcut areas; NCP. MWM 2816; JRM 8728
- Cirsium discolor* (Muhl.) Spreng. Frequent; pastures, old fields, and woodland borders; throughout. MWM 2567; JRM 7559
- Cirsium horridulum* Michx. Common; pastures, fields, woodland borders, and roadsides; throughout. MWM 770; JRM 8415
- Cirsium vulgare* (Savi) Ten. Rare; cutover woods and roadsides; LB/NCP. Introduced. JRM 8902
- Conoclinium coelestinum* (L.) DC. Common; pastures, woodland borders, and roadside ditches; throughout. MWM 2494; JRM 7556
- Conyza bonariensis* (L.) Cronq. Infrequent; roadsides and cutover woods; LB/NCP, NCP. Introduced. JRM 7217, 8758
- Conyza canadensis* (L.) Cronquist. Abundant; fields, roadsides, and clearcut areas; throughout. MWM 2253; JRM 7347
- Coreopsis lanceolata* L. Occasional; upland woods and roadsides; LB, NCP. MWM 746
- Coreopsis pubescens* Elliott. Occasional; upland woods and roadsides; NCP. JRM 8775
- Coreopsis tinctoria* Nutt. Infrequent; roadsides and waste places; throughout. Introduced. MWM 2051; JRM 7494
- Coreopsis tripteris* L. Common; upland to alluvial woods, roadsides, and clearcut areas; LB, NCP\*. MWM 2455
- Doellingeria sericocarpoides* Small. Rare (although locally common); bogs; NCP. MWM 2972, 2987
- Echinacea purpurea* (L.) Moench. Rare; woodland borders; LB. MWM 2134
- Eclipta prostrata* (L.) L. Common; low woods, wet meadows, and marshes; throughout. MWM 2282; JRM 7433, 9190
- Elephantopus carolinianus* Willd. Common; rich and bottomland woods; throughout. MWM 2486; JRM 7484
- Elephantopus tomentosus* L. Common; upland woods; LB, NCP. MWM 2383; JRM 7411
- Erechtites hieracifolia* (L.) Raf. Abundant; woodland borders, clearcut areas, roadsides, and waste places; throughout. MWM 2535; JRM 7513
- Erigeron annuus* (L.) Pers. Common; fields, roadsides, and meadows; throughout. MWM 929, 1052; JRM 8227b
- Erigeron philadelphicus* L. Common; fields, roadsides, meadows, and lawns; throughout. MWM 608, 831; JRM 8297, 8499
- Erigeron pulchellus* Michx. Occasional; rich woods; LB, LB/NCP. MWM 534; JRM 8488
- Erigeron strigosus* Muhl. ex Willd. Common; fields, roadsides, and clearcut areas; throughout. MWM 2854
- Erigeron tenuis* Torrey & A. Gray. Rare; roadsides and periodically mowed meadows; NCP. JRM 7332
- Eupatoriadelphus fistulosus* (Barratt) R. M. King & H. Rob. Frequent; low woods, bogs, and creek banks; throughout (rare in YMD). MWM 2332; JRM 7406
- Eupatorium album* L. Occasional; upland woods and roadsides; LB, NCP\*. MWM 2339
- Eupatorium capillifolium* (Lam.) Small. Abundant; fields, roadsides, and waste places; throughout. MWM 2655; JRM 7854
- Eupatorium hyssopifolium* L. Occasional; upland woods, roadsides, and clearcut areas; LB, NCP\*. MWM 2454, 3017; JRM 7538, 9125
- Eupatorium perfoliatum* L. Frequent; low woods and bogs; throughout. MWM 2549; JRM 7672
- Eupatorium rotundifolium* L. Common; upland woods, roadsides, and clearcut areas; LB, NCP. MWM 2340; JRM 7407
- Eupatorium semiserratum* DC. Occasional; woodland borders; LB, NCP, YMD\*. MWM 2965
- Eupatorium serotinum* Michx. Common; woodland borders, roadsides, and waste places; throughout. MWM 2543; JRM 7560
- Eurybia hemispherica* (Alex.) G.L. Nesom. Common; upland woods, roadsides, and clearcut areas; LB, NCP. MWM 2341; JRM 7544b, 7607, 9179
- Euthamia leptcephala* (Torr. & A. Gray) Greene ex Porter & Britton. Frequent; woodland borders; throughout. MWM 2624; JRM 7687
- Facelis retusa* (Lam.) Sch.-Bip. Rare; upland roadsides; NCP. Introduced. JRM 8761
- Fleischmannia incarnata* (Walter) R. M. King & H. Rob. Occasional; rich and bottomland woods; LB\*, NCP, YMD. MWM 2649, 2652; JRM 7767
- Gamochaeta antillana* (Urban) Anderb. Rare; margin of artificial pond; NCP. JRM s.n.
- Gamochaeta purpurea* (L.) Cabrera. Common; fields, lawns, and woodland borders; throughout. MWM 632; JRM 8422
- Helenium amarum* (Raf.) H. Rock. Abundant; roadsides, pastures, and waste places; throughout. MWM 1185; JRM 7400
- Helenium autumnale* L. Occasional; low, wet woods and meadows; LB, NCP. MWM 2581
- Helenium flexuosum* Raf. Occasional; wet meadows and pastures; throughout. MWM 2238; JRM 7317
- Helianthus angustifolius* L. Abundant; old fields, woodland borders, and roadsides; throughout. MWM 2585; JRM 7675
- Helianthus annuus* L. Rare; roadsides; LB, NCP. Introduced. MWM 2936; JRM 7259
- Helianthus divaricatus* L. Common; upland woods and clearings; LB, NCP. MWM 2046; JRM 7606
- Helianthus grosseserratus* M. Martens. Frequent; roadsides and woodland borders; throughout. MWM 2607
- Helianthus hirsutus* Raf. Infrequent; woodland borders; NCP. MWM 2388; JRM 9681
- Helianthus microcephalus* Torr. & A. Gray. Common; upland woods, clearcut areas, and roadsides; LB, NCP. MWM 2570, 2988; JRM 7517, 7687d
- Helianthus mollis* Lam. Rare; upland meadows and woodland borders; NCP. JRM 9050
- Helianthus silphoides* Nutt. Uncommon; borders of upland woods and dry meadows; NCP. MWM 2588; JRM 7850
- Heliopsis helianthoides* (L.) Sweet. Rare; rich woods and woodland borders; LB/NCP. JRM 8715
- Hieracium gronovii* L. Common; upland woods and roadsides; LB, NCP. MWM 2330; JRM 7395
- Iva annua* L. Common; fields and roadsides; throughout. MWM 2650; JRM 7690



- Krigia caespitosa* (Raf.) K. L. Chambers. Common; fields, roadsides, and pastures; throughout. MWM 595; JRM 8243
- Krigia dandelion* (L.) Nutt. Common; dry woods, pastures, lawns, and roadsides; LB, NCP. JRM 8382
- Krigia virginica* (L.) Willd. Occasional; upland fields, pastures, lawns, and woodland borders; LB, NCP. MWM 625; JRM 7094
- Lactuca canadensis* L. Common; roadsides, fields, and waste places; throughout. MWM 2135, 2579
- Lactuca floridana* (L.) Gaertn. Occasional; within and at margins of bottomland and rich woods; throughout. MWM 2554; JRM 7497
- Lactuca serriola* L. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 2247; JRM 7267
- Leucanthemum vulgare* L. Infrequent; pastures and roadsides; LB, NCP. Introduced. MWM 2819; JRM 8729
- Liatris spicata* (L.) Willd. Rare; clearing in upland woods near bogs; NCP. MWM 2971
- Liatris squarrosa* (L.) Michx. Common; borders of upland woods; LB, NCP. MWM 2272; JRM 7381
- Liatris squarulosa* Michx. Occasional; borders of dry upland woods; LB/NCP, NCP. MWM 2587, 2640; JRM 7842, 9206
- Matricaria discoidea* DC. Infrequent; fields, roadsides, and waste places; throughout. Introduced. MWM 2709; JRM 8331
- Mikania scandens* (L.) Willd. Common; low woods, marshes, and thickets; throughout. MWM 2375; JRM 7428, 7820b
- Packera glabella* (Poir.) C. Jeffrey. Common; low woods and wet fields; throughout. MWM 597; JRM 8430b, 8474
- Pityopsis graminifolia* (Michx.) Nutt. Common; dry upland woods and roadsides; NCP. MWM 2669; JRM 7847, 9207
- Pluchea camphorata* (L.) DC. Common; low woods, marshes, and ditches; throughout. MWM 2545; JRM 7612
- Prenanthes altissima* L. Common; rich woods; LB, NCP. MWM 2655a; JRM 7695, 9201
- Pseudognaphalium helleri* (Britton) Anderb. Infrequent; open upland woods; NCP. JRM 8133
- Pseudognaphalium obtusifolium* (L.) Hilliard & B.L. Burt. Common; old fields and woodland borders; LB, NCP. 2638a
- Pyrrhopappus carolinianus* (Walter) DC. Common; fields, lawns, pastures, and roadsides; throughout. MWM 855, 2033; JRM 8589, 8852
- Rudbeckia fulgida* Aiton. Uncommon; low, wet woods; LB, LB/YMD. MWM 2557
- Rudbeckia hirta* L. Common; woodland borders and roadsides; LB, NCP. MWM 968, 2235
- Rudbeckia subtomentosa* Pursh. Rare; moist meadows; NCP. JRM 9049, 9171
- Silphium integrifolium* Michx. Frequent; woodland borders; LB, NCP. MWM 2249, 2996; JRM 7362
- Silphium perfoliatum* L. Infrequent; low woodland borders; LB/YMD. MWM 2470
- Smallanthus uvedalius* (L.) Mack ex Small. Occasional; rich and bottomland woods; throughout. MWM 2105; JRM 8857
- Solidago arguta* Aiton. Infrequent; upland woods and clearings; NCP. MWM 3002, 3004, 3011; JRM 7564, 7687b
- Solidago caesia* L. Frequent; rich woods; LB, NCP. MWM 2623; JRM 7771
- Solidago canadensis* L. Common; old fields, pastures, woodland borders, and roadsides; throughout. MWM 2611; JRM 7663
- Solidago gigantea* Aiton. Common; old fields and moist woodland borders; throughout. MWM 2456; JRM 7346, 7490b
- Solidago nemoralis* Aiton. Frequent; upland, woods and clearings; LB, NCP. JRM 7676, 9123
- Solidago odora* Aiton. Common; upland woods, clearcut areas, and roadsides; LB, NCP\*. MWM 2577; JRM 7508, 9131
- Solidago patula* Muhl. ex Willd. Frequent; bogs, spring branches, and seepage slopes; LB, NCP\*. MWM 2573; JRM 7685, 9181
- Solidago petiolaris* Aiton. Infrequent; upland woods and roadsides; NCP. MWM 2660; JRM 7848
- Solidago puberula* Nutt. Occasional; woodland borders and roadsides; LB, NCP. MWM 2618; JRM 8172, 9204
- Solidago rugosa* Mill. Occasional; borders of upland woods and moist meadows; NCP. MWM 2673; JRM 7674, 7770
- Solidago speciosa* Nutt. Occasional; upland woods and roadsides; NCP. MWM 2659; JRM 7841, 9180
- Solidago ulmifolia* Muhl. ex Willd. Frequent; dry-mesic to rich woods and clearings; LB, NCP. MWM 2459, 2561, 2661; JRM 7563, 8093, 9254
- Soliva sessilis* Ruiz & Pav. Infrequent; lawns, roadsides, and waste places; throughout. Introduced. MWM 2796; JRM 8304
- Sonchus asper* (L.) Hill. Common; roadsides and waste places; throughout. Introduced. MWM 834
- Symphyotrichum concolor* (L.) G.L. Nesom. Occasional; dry upland woods and clearcut areas; NCP. MWM 2671; JRM 7849, 8090
- Symphyotrichum divaricatum* (Nutt.) G.L. Nesom. Occasional; low fields, marshes, and roadsides; LB, NCP, YMD\*. MWM 2633; JRM 9186b, 9187
- Symphyotrichum drummondii* (Lindl.) G.L. Nesom. Frequent; rich woods; LB\*, NCP. MWM 2621
- Symphyotrichum dumosum* (L.) G. L. Nesom. Common; bottomlands to uplands, clearcut areas, old fields, and roadsides; throughout. MWM 2632, 2667; JRM 7845
- Symphyotrichum laeve* (L.) A. Love & D. Love var. *purpuratum* (Nees) G. L. Nesom. Rare; border of upland woods; NCP. MWM 2685
- Symphyotrichum lanceolatum* (Willd.) Nesom. Rare; margin of upland woods; LB/NCP. JRM 9255
- Symphyotrichum lateriflorum* (L.) A. Love & D. Love. Common; rich and bottomland woods; Throughout. MWM 2662; JRM 7769, 9225
- Symphyotrichum novae-angliae* (L.) G.L. Nesom. Uncommon; low woodland borders; LB/YMD. MWM 3062
- Symphyotrichum ontarionis* (Wiegand) Nesom. Rare; wet meadow; YMD. JRM 9257
- Symphyotrichum patens* (Aiton) G.L. Nesom. Common; upland woods, roadsides, and clearcut areas; LB, NCP. MWM 2639; JRM 7844, 9178
- Symphyotrichum pilosum* (Willd.) G. L. Nesom. Abundant; roadsides, fields, woodland borders, and waste places; throughout. MWM 2622; JRM 7851, 9227
- Symphyotrichum praealtum* (Poir.) Nesom. Rare; upland woods and roadsides; NCP. JRM 9220
- Symphyotrichum puniceum* (L.) A. Love & D. Love. Uncommon; bogs; NCP. MWM 2679, 2940, 3061
- Symphyotrichum undulatum* (L.) G. L. Nesom. Occasional; upland woods, roadsides, and clearcut areas; NCP. MWM 2672; JRM 8092, 9253
- Taraxacum officinale* Weber. Common; lawns, roadsides, and waste places; throughout. Introduced. MWM 2725; JRM 8330
- Verbesina alternifolia* (L.) Britton. Occasional; borders of low, rich woods; LB, NCP. MWM 2491, 2552, 2605; JRM 7485
- Verbesina helianthoides* Michx. Occasional; borders of upland woods and roadsides; LB, NCP. MWM 1168; JRM 8822
- Verbesina virginica* L. Occasional; borders of low, rich woods; LB, NCP. MWM 2606; JRM 7533
- Vernonia gigantea* Trel., Branner & Coville. Common; borders of low woods, wet pastures, and roadside ditches; throughout. MWM 2277; JRM 7493
- Vernonia texana* (A. Gray) Small. Uncommon; borders of dry upland woods; LB/NCP. MWM 2994
- Xanthium strumarium* L. Common; cultivated fields, sandy creek banks, and waste places; throughout. MWM 3073



**BALSAMINACEAE**

*Impatiens capensis* Meerb. Frequent; low woods, marshes, and stream banks; throughout. MWM 2143; JRM 7416

**Berberidaceae**

*Podophyllum peltatum* L. Common; rich woods; LB, LB/YMD, NCP. MWM 638

**Betulaceae**

*Alnus serrulata* (Aiton) Willd. Infrequent; bogs, spring branches, and creek banks; NCP. MWM 772

*Betula nigra* L. Frequent; low woods and river banks; throughout. MWM 1010

*Carpinus caroliniana* Walter. Common; rich and bottomland woods; throughout. MWM 3074; JRM 8265

*Corylus americana* Walter. Occasional; rich woods; LB, NCP\*. MWM 743; JRM 7541

*Ostrya virginiana* K. Koch. Common; rich to dry-mesic woods; LB, NCP. MWM 718

**Bignoniaceae**

*Bignonia capreolata* L. Common; bottomland to upland woods and thickets; throughout. MWM 768

*Campsis radicans* (L.) Seem. Common; woodland borders, fence rows, roadsides, and waste places; throughout. MWM 1064; JRM 8843

*Catalpa bignonioides* Walter. Infrequent; creek banks and low woods; throughout. MWM 1008

**Boraginaceae**

*Cynoglossum virginianum* L. Frequent; rich woods; LB\*, NCP. MWM 604, 724; JRM 8588

*Heliotropium indicum* L. Occasional; marshes, ditches, and dried-up sloughs; throughout. Introduced. MWM 1184; JRM 7519

*Lithospermum tuberosum* Rugel ex A. DC. Uncommon; rich woods; LB/NCP, NCP. MWM 1060; JRM 9507

*Myosotis macrosperma* Engelm. Common; low and rich woods and woodland borders; throughout. MWM 616

*Myosotis verna* Nutt. Infrequent; fields, dry woods, and roadsides; NCP. MWM 771

*Onosmodium virginianum* (L.) A. DC. Uncommon; borders of dry upland woods; NCP. MWM 3005; JRM 9489, 9754

**Brassicaceae**

*Brassica kaber* (DC.) L. C. Wheeler. Infrequent; roadsides; NCP. Introduced. JRM 8587

*Brassica napus* L. Infrequent; roadsides; throughout. Introduced. MWM 748; JRM 7085, 8586

*Capsella bursa-pastoris* (L.) Medik. Common; roadsides, lawns, fields, and waste places; throughout. Introduced. MWM 2710; JRM 8238

*Cardamine bulbosa* Britton, Sterns & Poggenb. Common; low and rich woods, adjacent wet meadows; throughout. MWM 544; JRM 8286

*Cardamine concatenata* (Michx.) Sw. Rare (although locally common); rich woods; LB. MWM 2754

*Cardamine hirsuta* L. Common; fields, lawns, and waste places; throughout. Introduced. MWM 563

*Cardamine parviflora* L. Rare; open sandy area in cutover woods; LB/NCP. JRM 8258

*Coronopus didymus* (L.) Smith. Rare; fields; NCP. Introduced. JRM 7261

*Draba brachycarpa* Nutt. ex Torr. & A. Gray. Infrequent; fields and pastures; LB, LB/NCP. MWM 2707; JRM 8305

*Lepidium densiflorum* Schrad. Rare; roadside adjacent to open field; NCP. Introduced. JRM 7215

*Lepidium virginicum* L. Common; fields, roadsides, and waste places; throughout. MWM 833; JRM 8239

*Rorippa palustris* (L.) Besser. Infrequent; marshes and borders of low, wet woods; YMD. MWM 2635

*Rorippa sessiliflora* (Nutt.) Hitchc. Infrequent; marshes, river banks, and borders of low, wet woods; YMD. MWM 2794

*Sibara virginica* (L.) Rollins. Common; fields, roadsides, and waste places; throughout. MWM 558; JRM 8241

**Buxaceae**

*Pachysandra procumbens* Michx. Infrequent; rich woods; LB\*, LB/NCP. MWM 569; JRM 7666

**Cabombaceae**

*Brasenia schreberi* J. F. Gmel. Uncommon; ponds; NCP. MWM 2873

*Cabomba caroliniana* A. Gray. Infrequent; aquatic in bald cypress-water tupelo swamps near the Yalobusha River; LB/YMD. MWM 3044

**Cactaceae**

*Opuntia humifusa* Raf. Uncommon; upland woods and clearings; NCP. MWM 2013

**Campanulaceae**

*Lobelia appendiculata* A. DC. Rare; woodland borders; YMD. MWM 969

*Lobelia cardinalis* L. Frequent; low woods, wet meadows, and stream banks; throughout. MWM 2548; JRM 7492, 9069

*Lobelia inflata* L. Occasional; rich woods and adjacent meadows; LB\*, LB/NCP. MWM 2353, 2492, 2520; JRM 8938

*Lobelia puberula* Michx. Common; woodland borders, stream banks, and meadows; LB, NCP. MWM 2489, 2546, 2638; JRM 7512

*Lobelia siphilitica* L. Rare; rich woods; LB. MWM 3050

*Lobelia spicata* Lam. Infrequent; meadows and borders of upland woods; NCP. MWM 2118

*Triodanis biflora* Greene. Common; roadsides, fields, and waste places; throughout. MWM 721

*Triodanis perfoliata* (L.) Nieuwl. Occasional; woodland borders and roadsides; LB, NCP. MWM 2778; JRM 8473

**Cannabaceae**

*Celtis tenuifolia* Nutt. Occasional; sandy upland woods; LB/NCP, NCP\*. MWM 2141

*Celtis laevigata* Willd. Frequent; bottomland hardwood forests; throughout (not common in NCP). MWM 1174

**Cannaceae**

*Canna ×generalis* Bailey. Occasional; roadsides; throughout. Introduced. MWM 3030

**Caprifoliaceae**

*Lonicera japonica* Thunb. Abundant; woodlands, roadsides, and fence rows; throughout. Introduced. MWM 788; JRM 7819

*Lonicera sempervirens* L. Uncommon; upland woods and thickets; LB, NCP. MWM 832

*Symphoricarpos orbiculatus* Moench. Rare; rich woods; LB, LB/NCP. MWM 2484; JRM 7322

*Triosteum angustifolium* L. Infrequent; rich woods; LB, NCP. MWM 2268, 2774; JRM 8592b, 8949

**Caryophyllaceae**

*Arenaria serpyllifolia* L. Occasional; borders of upland woods and roadsides; NCP. Introduced. MWM 2837

*Cerastium diffusum* Pers. Rare; lawns; NCP. Introduced. JRM 9325

*Cerastium fontanum* Baumg. Rare (locally common); lawns; NCP. Introduced. JRM 8770, 9326

*Cerastium glomeratum* Thuill. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 591



*Dianthus armeria* L. Rare; roadside adjacent to alluvial woods; NCP. Introduced. JRM 7249

*Sagina decumbens* (Elliott) Torr. & A. Gray. Frequent; fields, roadsides, and waste places; throughout. MWM 634; JRM 8336

*Saponaria officinalis* L. Rare; woodland borders; LB/NCP. Introduced. MWM 2937

*Silene stellata* (L.) Aiton f. Frequent; rich woods; LB, NCP. MWM 2252; JRM 8903

*Silene virginica* L. Rare; rich woods; LB. MWM 719

*Stellaria media* (L.) Cirillo. Common; fields, roadsides, and woodland borders; throughout. Introduced. MWM 637

#### Celastraceae

*Celastrus scandens* L. Infrequent; rich woods; LB\*, NCP. MWM 2278, 2654; JRM 9454

*Euonymus americanus* L. Frequent; stream banks in low and rich woods; throughout. MWM 755a; JRM 7766

#### Ceratophyllaceae

*Ceratophyllum demersum* L. Infrequent; aquatic in bald cypress-water tupelo swamps in the Yalobusha River floodplain; LB/YMD. MWM 3045

#### Chenopodiaceae

*Chenopodium album* L. Occasional; fields, barnyards, and waste places; throughout. JRM 8141

*Chenopodium ambrosioides* L. Occasional; fields, pastures, sandbars along creeks, and waste places; throughout. MWM 2635a, 2951; JRM 7883

*Chenopodium standleyanum* Aellen. Infrequent; woodland borders and fields; LB. MWM 2525

#### Cistaceae

*Lechea mucronata* Raf. Occasional; old fields and borders of upland woods; LB, NCP. MWM 2338, 2394a; JRM 7263

*Lechea tenuifolia* Michx. Occasional; dry upland woods and clearcut areas; NCP. MWM 3040

#### Cleomaceae

*Cleome houtteana* Raf. Infrequent; roadsides; NCP. Introduced. MWM 2908

#### Clusiaceae

*Hypericum crux-andreae* Crantz. Rare; open seepage areas and wet meadows; NCP. MWM 3009; JRM 7449

*Hypericum drummondii* (Grev. & Hook.) Torr. & A. Gray. Common; woodland borders, old fields, and roadsides; throughout. MWM 2242; JRM 7254

*Hypericum gentianoides* (L.) Britton, Sterns & Poggenb. Infrequent; dry upland woods and roadsides; NCP. MWM 2245, 3036; JRM 8132

*Hypericum gymnanthum* Engler & A. Gray. Rare; open seepage areas; NCP. JRM 8985

*Hypericum hypericoides* Crantz. Common; bottomland to upland woods; throughout. MWM 2138, 2533; JRM 7415

*Hypericum lobocarpum* Gatt. Rare; bogs and spring branches; NCP. MWM 2458, 3053

*Hypericum mutilum* L. Common; low woodland borders, marshes, and ditches; throughout. MWM 2243; JRM 7420

*Hypericum prolificum* L. Rare; borders of mesic woods; NCP. JRM 7297, 8892

*Hypericum punctatum* Lam. Common; woodland borders, fields, ditches, and roadsides; throughout. MWM 2153; JRM 7258, 7421

*Triadenum virginicum* (L.) Raf. Infrequent; low woods, sloughs, and margins of bald cypress-water tupelo swamps; YMD. MWM 2391

*Triadenum walteri* (J. F. Gmel.) Gleason. Frequent; seepage slopes, bogs, and in bald cypress-water tupelo swamps; throughout. MWM 2476, 2575; JRM 9134

#### Colchicaceae

*Uvularia grandiflora* Sm. Frequent; rich woods; LB\*, NCP. MWM 525; JRM 8263

*Uvularia sessilifolia* L. Frequent; along streams in rich woods and edges of bogs; LB, NCP\* MWM 603

#### Commelinaceae

*Commelina communis* L. Occasional; woodland borders, roadsides, and waste places; throughout. Introduced. MWM 2029, 2139; JRM 8904b

*Commelina diffusa* Burm. f. Infrequent; low woods; throughout. MWM 2631; JRM 7521

*Commelina erecta* L. Rare; dry sandy woods; LB/NCP. MWM 2628

*Commelina virginica* L. Common; low woods; throughout. MWM 2347a, 3029; JRM 7302

*Tradescantia hirsutiflora* Bush. Infrequent; dry woods; NCP. MWM 2817a, 2836

*Tradescantia ohiensis* Raf. Occasional; woodland borders and roadsides; throughout. MWM 835, 2847

*Tradescantia subaspera* Ker. Gawl. Uncommon; rich woods; LB. MWM 1019

#### Convolvulaceae

*Cuscuta campestris* Yunck. Occasional; on various herbaceous hosts along roadsides, woodland borders, and in old fields; throughout. MWM 2042; JRM 7328, 8951

*Cuscuta compacta* Juss. Occasional; on several woody hosts in low thickets and swamps; throughout. MWM 2573a; JRM 7432

*Cuscuta gronovii* Willd. ex Roem. & Schult. Infrequent; on woody and herbaceous hosts in low woods; LB. MWM 2556a; JRM 9187

*Dichondra carolinensis* Michx. Occasional; woodland borders, old fields, and lawns; throughout. MWM 622; JRM 8337

*Ipomoea hederacea* (L.) Jacq. Common; fields, roadsides, and woodland borders; throughout. Introduced. MWM 2582

*Ipomoea lacunosa* L. Common; fields, roadsides, and woodland borders; throughout. MWM 2522; JRM 7431

*Ipomoea pandurata* G. Mey. Common; fields, woodland borders, and roadsides; throughout. MWM 2151; JRM 7430

*Ipomoea purpurea* (L.) Roth. Infrequent; fields, roadsides, and woodland borders; throughout. Introduced. MWM 2024; JRM s.n.

*Ipomoea wrightii* A. Gray. Infrequent; fields, woodland borders, and marshes; LB, NCP, YMD\*. Introduced. MWM 2898, 2920a; JRM 8212

*Jacquemontia tamnifolia* (L.) Griseb. Occasional; fields, woodland borders, and roadsides; throughout. Introduced. MWM 2359; JRM 7361

*Stylisma humistrata* Chapm. Uncommon; dry sandy woods; LB/NCP. MWM 2140, 2289; JRM 8943

#### Cornaceae

*Cornus drummondii* C. A. Meyer. Rare; open upland woodlands; NCP. JRM 9475

*Cornus florida* L. Common; upland woods; LB, LB/YMD, NCP. MWM 602; JRM 7377

*Cornus foemina* Mill. Frequent; low woods, swamp forests, bogs, and spring branches; throughout. MWM 933, 950, 2544; JRM 9455

#### Cucurbitaceae

*Cayaponia quinqueloba* (Raf.) Shinnars. Occasional; low woods, wet thickets, and margins of sloughs; LB, NCP, YMD\*. MWM 2349, 2889, 2924; JRM 9745

*Cucurbita pepo* L. Rare; escape from cultivation; NCP. Introduced. JRM 8987



*Melothria pendula* L. Frequent; low woods, thickets, and marshes; throughout. MWM 2170; JRM 7436

### Cyperaceae

*Bulbostylis capillaris* (L.) Clarke. Uncommon; sandy open areas; NCP. JRM s.n.

*Carex abscondita* Mack. Frequent; rich and low woods; throughout. MWM 781; JRM 8592

*Carex albicans* Willd. Frequent; mesic to low woods; throughout. MWM 654, 741; JRM 8259, 8596

*Carex albolutescens* Schwein. Infrequent; low areas in bottomland hardwoods; throughout. JRM 8847, 9426

*Carex amphibola* Steud. Frequent; low woods; throughout. MWM 2755; JRM 7070

*Carex annectens* E. P. Bicknell. Infrequent; low woods; LB, NCP, YMD\*. MWM 2788

*Carex artitecta* Mack. Infrequent; dry woods; LB. MWM 2729

*Carex atlantica* L. H. Bailey. Occasional; bogs and spring branches; NCP. MWM 737, 2738; JRM 9425

*Carex austrina* (Small) Mack. Occasional; open upland fields; NCP. JRM 9369

*Carex blanda* Dewey. Frequent; low woods; throughout. MWM 647

*Carex bromoides* Schkuhr. Infrequent; low woods and seepages; LB, LB/YMD. MWM 759

*Carex bushii* Mack. Uncommon; moist meadows; LB/NCP. JRM 9367

*Carex caroliniana* Schweinitz. Occasional; bottomland woods; LB, NCP, YMD\*. MWM 707

*Carex cephalophora* Muhl. ex Schkuhr. Infrequent; mesic woods; LB\*, NCP, YMD. MWM 2760

*Carex cherokeensis* Schwein. Occasional; bottomland woods; LB, NCP, YMD\*. MWM 705

*Carex complanata* Torr. & Hook. Common; dry woods and moist sandy meadows; LB, NCP\*. MWM 844, 2780, 2853, 2882; JRM 8429

*Carex corrugata* Fernald. Infrequent; low, moist woods; LB/NCP. JRM s.n.

*Carex crebriflora* Wieg. Infrequent; low, rich woods; LB, NCP\*. MWM 782

*Carex crinita* Lam. Frequent; bogs, marshes, and stream banks; LB, NCP\*. MWM 734

*Carex crus-corvi* Shuttlew. ex Kuntze. Uncommon; low woods and ditches; YMD. MWM 2798

*Carex debilis* Michx. Common; bogs and low woods; throughout. MWM 736; JRM 8900

*Carex decomposita* Muhl. Rare; on fallen logs, knees, and trunks of bald cypress in swamp forests; YMD. MWM 2834, 2884

*Carex digitalis* Willd. Infrequent; rich woods; LB, NCP. MWM 742

*Carex festucacea* Schkuhr. Infrequent; low woods and meadows; throughout. MWM 704; JRM 9368

*Carex flaccosperma* Dewey. Frequent; low woods; throughout. MWM 787

*Carex frankii* Kunth. Common; low woods, ditches, and marshes; throughout. MWM 1016, 2466; JRM 8801

*Carex glaucoidea* Tuckerman. Infrequent; borders of upland woods; LB/NCP. JRM s.n.

*Carex granularis* Muhl. ex Schkuhr. Rare; low woods bordering a bald cypress-water tupelo swamp in the Yalobusha River floodplain; LB/YMD. MWM 2822

*Carex grayi* Carey. Rare; bottomland woods; YMD. MWM 2790, 2869

*Carex grisea* Wahlenb. Rare; rich, low woods; LB. MWM 2756

*Carex hirsutella* Mack. Infrequent; dry woods; NCP. MWM 2868; JRM 9375

*Carex hyalinolepis* Steud. Occasional; low woods, ditches, and marshes; YMD. MWM 706

*Carex intumescens* Rudge. Occasional; bogs and low woods; throughout. MWM 701, 1059, 2770, 2799

*Carex joori* L. H. Bailey. Infrequent; low woods and slough margins; YMD\*, LB. MWM 2355, 2380a

*Carex laevivaginata* (Kuk.) Mack. Infrequent; bogs and spring branches; NCP. MWM 735

*Carex laxiflora* var. *serrulata* F.J. Herm. Uncommon; rich woods; LB. MWM 2758; JRM 8593

*Carex leavenworthii* Dewey. Common; low woods, ditches, and fields; throughout. MWM 646

*Carex leptalea* Wahlenb. Occasional; bogs and spring branches; NCP. MWM 2740, 2801; JRM 8837

*Carex longii* Mack. Occasional; fields, meadows, and edges of woods; throughout. MWM 785

*Carex louisianica* L. H. Bailey. Infrequent; low woods; YMD. MWM 2845

*Carex lupulina* Muhl. ex Schkuhr. Occasional; low woods, ditches, and marshes; LB, NCP, YMD\*. MWM 2384, 2831

*Carex lurida* Wahlenb. Common; bogs, marshes, and stream banks; LB, NCP\*. MWM 373, 786, 863; JRM 8803

*Carex meadii* Dewey. Rare; seasonally moist meadows; NCP. JRM 8383, 8321

*Carex muhlenbergii* Schkuhr. Occasional; sandy upland woods; LB\*, NCP. MWM 966, 2783; JRM 7062

*Carex nigromarginata* Schwein. Frequent; mesic and dry woods; LB, NCP. MWM 2718, 2721, 2734

*Carex oklahomensis* Mack. Rare; wet open areas; LB/NCP, NCP. Introduced. JRM 9400, 9480

*Carex oxylepis* Torr. & Hook. Infrequent; mesic to bottomland woods; LB\*, NCP, YMD. MWM 747; JRM 8481

*Carex reniformis* (L. H. Bailey) Small. Occasional; low woods, ditches, and marshes; YMD. MWM 703

*Carex retroflexa* Muhl. ex Schkuhr. Common; bottomland to upland woods; throughout. MWM 639, 640; JRM 8475

*Carex rosea* Schkuhr. Occasional; rich woods; LB, LB/NCP. MWM 2866; JRM 9376, 9424

*Carex squarrosa* L. Infrequent; bottomland woods; throughout. MWM 1054, 2877a

*Carex striatula* Michx. Frequent; mesic woods; LB, NCP\*. MWM 2732, 2880; JRM 9509

*Carex stricta* Lam. Uncommon; bogs and spring branches; NCP. MWM 2775; JRM 8835

*Carex styloflexa* Buckley. Infrequent; bogs and spring branches; NCP. MWM 738; JRM 9427

*Carex swanii* (Fernald) Mack. Rare (although locally common); somewhat sandy, rich woods; NCP. MWM 375, 2821, 2929; JRM 8848, 9472, 9510

*Carex triangularis* Boeckeler. Frequent; low woods, ditches, and marshes; throughout. MWM 845; JRM 8421

*Carex tribuloides* Wahlenb. Frequent; low woods; throughout. MWM 995; JRM 8802

*Carex typhina* Michx. Occasional; low woods; LB, NCP, YMD\*. MWM 927, 1055

*Carex umbellata* Schkuhr. Ex Willd. Uncommon; borders of upland woods; NCP. JRM 7091

*Carex vulpinoidea* Michx. Common; low woods, ditches, and marshes; throughout. MWM 702, 1017; JRM 9477

*Carex willdenowii* Schkuhr. Occasional; rich woods; LB\*, NCP. MWM 2727, 2733, 2757; JRM 8594

*Cyperus aristatus* Rottb. Rare; in sandy soil in drawn-down pool in Yalobusha River floodplain; NCP. MWM 2682

*Cyperus compressus* L. Rare; weed in lawn; NCP. JRM 7477

*Cyperus croceus* Vahl. Frequent; sandy woods, fields, and roadsides; throughout. MWM 2129, 2991; JRM 7481, 9185

*Cyperus difformis* L. Rare; exposed pond bottom; NCP. Introduced. JRM 7335



*Cyperus echinatus* (L.) Wood. Frequent; sandy woods, fields, and roadsides; throughout. MWM 1190a; JRM 7402

*Cyperus erythrorhizos* Muhl. Frequent; mudflats around Grenada Lake, drawn-down sloughs; throughout. MWM 2919, 2945; JRM 7678

*Cyperus esculentus* L. Occasional; sandy fields, roadsides, and waste places; throughout. Introduced. MWM 2029b, 2651; JRM 7387

*Cyperus flavescens* L. Rare; open sandy seepages and swampy depression at the base of a bluff; LB/YMD, NCP. MWM 3051; JRM 8974

*Cyperus haspan* L. Rare; open sandy seepage area; NCP. MWM 3015

*Cyperus iria* L. Common; marshes, ditches, and fields; throughout. Introduced. MWM 2168, 2280; JRM 7236

*Cyperus lancastricensis* Porter in A. Gray. Rare (although locally common); dry sandy woods; LB/NCP. MWM 2285, 2891

*Cyperus odoratus* L. Rare; exposed pond bottom; NCP. JRM 7327

*Cyperus plukenetii* Fern. Infrequent; dry sandy woods; LB/NCP, NCP. MWM 2626a, 2921; JRM 7569

*Cyperus polystachyos* Rottb. var. *texensis* (Torr.) Fernald. Infrequent; sandy creek and river banks; LB/NCP. MWM 2690

*Cyperus pseudovegetus* Steud. Common; marshes and ditches; throughout. MWM 2124, 2240a; JRM 8095

*Cyperus retrorsus* Chapm. Frequent; sandy woods and fields; throughout. MWM 2029a; JRM 7425

*Cyperus rotundus* L. Common; fields and waste places; throughout. Introduced. MWM 2031; JRM 7507

*Cyperus strigosus* L. Common; marshes, ditches, and fields; throughout. MWM 2043, 2152, 2241, 2943; JRM 7475

*Eleocharis microcarpa* Torr. Rare; exposed wet depression in upland woods; NCP. JRM 9126

*Eleocharis obtusa* (Willd.) Schult. Abundant; marshes and ditches; throughout. MWM 944, 2578, 2665; JRM 7524

*Eleocharis tenuis* (Willd.) Schult. Uncommon; wet open meadows, bogs, and spring branches; NCP. MWM 2804

*Eleocharis tuberculosa* (Michx.) Roem. & Schult. Rare (although locally common); bog at edge of beaver pond; NCP. MWM 2686

*Fimbristylis annua* Roem. & Schult. Rare; exposed wet slope and ditch in pine woods; NCP. Introduced. MWM 2982; JRM 7394

*Fimbristylis autumnalis* (L.) Roem. & Schult. Frequent; sandy creek banks and ditches; throughout. MWM 2343; JRM 7455

*Fimbristylis miliacea* (L.) Vahl. Infrequent; sandy creek banks, ditches in pine woods; LB/NCP, NCP\*. MWM 2617, 2691; JRM 7523

*Fimbristylis puberula* (Michx.) Vahl. Uncommon; open wet meadows; NCP. JRM 8777

*Fimbristylis tomentosa* Vahl. Infrequent; marshes and ditches in pine woods; LB/NCP, NCP. Introduced. MWM 2946, 2984; JRM 9127

*Fimbristylis vahlii* (Lam.) Link. Frequent; mudflats around Grenada Lake and drawn-down sloughs; throughout. MWM 2541; JRM 9031

*Fuirena squarrosa* Michx. Occasional; bogs, marshes, and ditches in pine woods; NCP. MWM 2404, 2663; JRM 8166

*Isolepis carinata* Hook. & Arn. ex Torr. Common; low fields; throughout. MWM 629, 2784; JRM 8326

*Kyllinga odorata* Vahl. Infrequent; marshes and low areas in pastures; NCP. MWM 3012; JRM 7476

*Kyllinga pumila* Michx. Infrequent; marshes and ditches; LB, NCP. MWM 2284; JRM 7625

*Rhynchospora caduca* Elliott. Rare; moist meadow on hillside; NCP. JRM 8888

*Rhynchospora corniculata* (Lam.) A. Gray. Frequent; low woods, ditches, and marshes; LB, NCP, YMD\*. MWM 2053, 2934; JRM 9223

*Rhynchospora globularis* (Chapm.) Small. Occasional; sandy bogs, seeps, and ditches in pine woods; NCP. MWM 2342, 2887

*Rhynchospora glomerata* (L.) Vahl. Frequent; bogs, ditches in pine woods, and sandy creek banks; LB, NCP\*. MWM 2021, 2112a, 2362; JRM 7457, 7688

*Rhynchospora gracilentia* A. Gray. Rare; boggy area along spring branch; NCP. JRM 8934

*Rhynchospora miliacea* (Lam.) A. Gray. Uncommon; swampy woods at bases of bluffs; LB/YMD. MWM 1049

*Schoenoplectus pungens* (Vahl) Palla (= *Scirpus americanus* Pers.). Rare; in sandy soil on edge of Pond in Yalobusha River floodplain near Grenada Lake; LB/NCP. MWM 2990

*Scirpus atrovirens* Willd. Infrequent; marshes and ditches; LB, NCP\*. MWM 2838, 2857; JRM 9478

*Scirpus cyperinus* (L.) Kunth. Common; marshes and ditches; throughout. MWM 2149; JRM 7665

*Scirpus pendulus* Muhl. Infrequent; marshes and swampy woods at bases of bluffs; LB/YMD. MWM 932, 2830

*Scleria oligantha* Michx. Frequent; bottomland to mesic woods; throughout (uncommon in YMD). JRM 7284

*Scleria pauciflora* Muhl. ex Willd. Infrequent; ditches in pine woods and bogs; NCP. MWM 2344

*Scleria reticularis* Michx. Rare; bogs; NCP. MWM 2664

*Scleria triglomerata* Michx. Occasional; along ditches in pine woods; NCP. MWM 942

### Dioscoreaceae

*Dioscorea batatas* Decne. Occasional; low and rich woods; LB, NCP. Introduced. MWM 2004

*Dioscorea villosa* L. Frequent; bottomland to upland woods; throughout. MWM 830; JRM 9479, 9483

### Droseraceae

*Drosera brevifolia* Pursh. Rare (although locally common); open sandy seepage areas; NCP. MWM 2802, 2818

### Ebenaceae

*Diospyros virginiana* L. Common; low to upland woods and old fields; throughout. MWM 839; JRM 7368

### Elaeagnaceae

*Elaeagnus umbellata* Thunb. Infrequent; borders of upland woods, roadsides; NCP. Introduced. MWM 2742; JRM 8417

### Ericaceae

*Montropa hypopithys* L. Occasional; upland woods; LB, NCP. MWM 2001, 2005

*Monotropa uniflora* L. Rare; upland woods; NCP. MWM 560

*Rhododendron canescens* (Michx.) Sweet. Occasional; bogs, spring branches, seepage slopes, and along streams; LB, NCP\*. MWM 653, 2270; JRM 8328

*Vaccinium arboreum* Marshall. Common; upland woods and rarely in well-drained bottomland woods; throughout (rare in YMD). MWM 958; JRM 7371

*Vaccinium corymbosum* L. Infrequent; bogs and spring branches; NCP. MWM 2117, 2357, 2527, 2895

*Vaccinium elliottii* Chapm. Frequent; along streams in low or rich woods to dry-mesic woods; LB, NCP\*. MWM 540; JRM 7378

*Vaccinium stamineum* L. Frequent; upland woods; LB, NCP\*. MWM 750, 989

### Euphorbiaceae

*Acalypha gracilens* A. Gray. Common; woodland borders and roadsides; throughout. MWM 2240, 2531; JRM 7876

*Acalypha rhomboidea* Raf. Common; fields, woodland borders, and roadsides; throughout. MWM 2261; JRM 7491a

*Acalypha virginica* L. Infrequent; borders of upland woods; NCP. MWM 2675; JRM 7262, 7360, 7491b

*Chamaesyce humistrata* (Engelm. ex A. Gray) Small. Rare; in sandy soil at edge of cultivated field; LB. MWM 2462



*Chamaesyce maculata* (L.) Small. Common; cultivated fields, roadsides, and waste places; throughout. MWM 3042

*Chamaesyce nutans* (Lag.) Small. Common; cultivated fields, roadsides, and waste places; throughout. MWM 2162, 2461; JRM 7386

*Croton capitatus* Michx. Common; sandy fields, pastures, and borders of upland woods; throughout. MWM 2248; JRM 7389

*Croton glandulosus* L. Infrequent; sandy fields and borders of upland woods; LB, NCP. MWM 2145

*Euphorbia corollata* L. Common; borders of upland woods and roadsides; LB, NCP. MWM 980; JRM 7391

*Euphorbia obtusata* Pursh. Rare; open hay pasture; NCP. Introduced. JRM 9374

*Phyllanthus caroliniensis* Walter. Occasional; woodland borders, fields, and roadsides; throughout. MWM 2397, 3003; JRM 7504, 9192

*Triadica sebifera* (L.) Small. Rare; roadside; YMD. Introduced. MWM 2979

### Fabaceae

*Aeschynomene indica* L. Rare; low, wet fields; YMD. MWM 2918

*Albizia julibrissin* Durazz. Occasional; roadsides and woodland borders; throughout. Introduced. MWM 2019; JRM 7871

*Amorpha fruticosa* L. Occasional; low woods and stream banks; LB, NCP, YMD\*. MWM 847

*Amphicarpaea bracteata* (L.) Fern. Occasional; thickets and stream banks in rich woods; LB, NCP. MWM 2553; JRM 7621, 7875b

*Apios americana* Medik. Frequent; thickets and woodland borders; throughout. MWM 2360; JRM 7434

*Baptisia alba* (L.) Vent. Infrequent; meadows near creeks and streams; LB, NCP. MWM 867; JRM 7220

*Centrosema virginianum* (L.) Benth. Common; woodland borders and clearings; throughout. MWM 2233; JRM 7435

*Cercis canadensis* L. Common; bottomland to upland woods; throughout. MWM 526

*Chamaecrista fasciculata* (Michx.) Greene. Common; woodland borders, old fields, and roadsides; throughout. MWM 2111; JRM 7363

*Chamaecrista nictitans* (L.) Moench. Occasional; woodland borders, old fields, and roadsides; LB, NCP. MWM 2487; JRM 7354

*Clitoria mariana* L. Frequent; upland woods and roadsides; LB, NCP. MWM 1180; JRM 7367

*Crotalaria sagittalis* L. Frequent; borders of upland woods; LB, NCP\*. MWM 2012; JRM 7382

*Crotalaria spectabilis* Roth. Rare; sandy roadside; LB. Introduced. MWM 2583

*Dalea candida* Michx. ex Willd. Rare; opening in dry upland woods; LB. MWM 2881

*Desmanthus illinoensis* MacMill. Occasional; roadsides and fields; throughout. MWM 2172

*Desmodium canescens* (L.) DC. Common; bottomland to upland woods and roadsides; throughout. MWM 3026; JRM 7495

*Desmodium ciliare* (Muhl. ex Willd.) DC. Occasional; dry woods and clearcut areas; LB, NCP\*. MWM 2578a; JRM 7871b

*Desmodium cuspidatum* (Willd.) Loudon. Rare; borders of upland woods; NCP. JRM 7875

*Desmodium glabellum* (Michx.) DC. Occasional; borders of mesic to dry-mesic woods; NCP. JRM 7542b

*Desmodium glutinosum* (Muhl. ex Willd.) Wood. Occasional; dry-mesic to rich woods; LB, NCP. MWM 1173; JRM 7472

*Desmodium laevigatum* (Nutt.) DC. Common; dry woods and clearcut areas; NCP. MWM 3000, 3041; JRM 7542

*Desmodium marilandicum* (L.) DC. Occasional; dry upland woods and clearcut areas; NCP, LB/NCP. MWM 3021, 3022; JRM 7565

*Desmodium nudiflorum* (L.) DC. Common; dry-mesic to rich woods; LB, NCP. MWM 2048, 2279a; JRM 7874

*Desmodium nuttallii* (Schindl.) B. G. Schub. Rare; dry upland woods; NCP. MWM 3055; JRM 7537

*Desmodium paniculatum* (L.) DC. Frequent; woodland borders and edges of fields; throughout. MWM 2488, 2523; JRM 7501

*Desmodium pauciflorum* (Nutt.) DC. Occasional; rich woods; LB\*, NCP. MWM 2158

*Desmodium perplexum* B. G. Schub. Infrequent; woodland borders; NCP. MWM 2109; JRM 7689, 7872

*Desmodium rotundifolium* DC. Occasional; dry woods; LB, NCP\*. MWM 2586; JRM 7668

*Desmodium sessilifolium* Torr. & A. Gray. Uncommon; borders of upland woods and roadsides; NCP. MWM 2989, 3052; JRM 7324

*Desmodium viridiflorum* (L.) DC. Infrequent; mesic to dry upland woods; NCP. JRM 7540

*Dioclea multiflora* C. Mohr. Occasional; bottomland to mesic woods and clearings; LB, NCP, YMD\*. MWM 1066

*Galactia regularis* (L.) Britton, Sterns, & Poggenb. Infrequent; margins of mesic to dry-mesic woodlands; NCP. JRM 7876b

*Galactia volubilis* (L.) Britton. Occasional; margins of bottomland to dry-mesic woodlands; throughout. MWM 2148, 2393; JRM 7329

*Gleditsia aquatica* Marsh. Uncommon; sloughs and margins of bald cypress-water tupelo swamps; YMD. MWM 2376

*Gleditsia triacanthos* L. Frequent; bottomland to upland woods, roadsides, and fence rows; throughout (not common in NCP). MWM 2287; JRM 8491

*Kummerowia stipulacea* (Maxim.) Makino. Uncommon; roadsides; NCP. Introduced. JRM 9753

*Kummerowia striata* (Thunb.) Schindl. Common; woodland borders, roadsides, and waste places; throughout. Introduced. MWM 2485; JRM 7356

*Lathyrus hirsutus* L. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 851; JRM 8500

*Lespedeza bicolor* Turcz. Infrequent; roadsides and old fields; NCP, LB/NCP. Introduced. MWM 3037; JRM 7296

*Lespedeza cuneata* G. Don. Common; woodland borders and roadsides; throughout. Introduced. MWM 1194; JRM 7358

*Lespedeza hirta* Hornem. Common; borders of upland woods and clearcut areas; LB/NCP, NCP\*. MWM 2616a; JRM 7562

*Lespedeza procumbens* Michx. Occasional; upland woods and clearcut areas; LB/NCP, NCP\*. MWM 2658, 3023; JRM 7544

*Lespedeza repens* W. P. C. Barton. Common; upland woods, clearings, and roadsides; LB, NCP. MWM 1178, 2641

*Lespedeza stuevei* Nutt. Infrequent; dry upland woods and clearcut areas; NCP. MWM 2983; JRM 9047

*Lespedeza violacea* (L.) Pers. Infrequent; borders of mesic and upland woods and clearcut areas; NCP. MWM 2985; JRM 7232

*Lespedeza virginica* (L.) Britton. Common; borders of upland woods, clearcut areas, and roadsides; LB, NCP. MWM 2389, 3031; JRM 7365

*Medicago arabica* (L.) Huds. Common; roadsides, lawns, and waste places; throughout. Introduced. MWM 2761

*Medicago lupulina* L. Infrequent; roadsides; NCP. Introduced. JRM 7265, 7558

*Melilotus alba* Medik. Occasional; roadsides and waste places; LB, NCP. Introduced. MWM 1190

*Melilotus officinalis* (L.) Pallas. Rare; roadsides; NCP. Introduced. JRM 9453

*Mimosa microphylla* Dryand. Frequent; upland woods and clearings; LB, NCP. MWM 1000

*Orbexilum pedunculatum* (Mill.) Rydb. Frequent; upland woods and clearings; LB, NCP. MWM 790; JRM 8425



*Phaseolus polystachyus* (L.) Britton, Sterns, & Poggenb. Rare; thickets in and at margin of mesic woods; LB, NCP. JRM 7240, 7535

*Pueraria montana* (Lour.) Merr. Common; roadsides and woodland margins; throughout. Introduced. MWM 2465a; JRM 7446

*Rhynchosia latifolia* Nutt. Infrequent; dry upland woods, roadsides, and clearings; NCP. MWM 2008; JRM 7316, 9634

*Rhynchosia tomentosa* (L.) Hook. & Arn. Occasional; dry woods and clearcut areas; NCP. MWM 2009

*Robinia pseudoacacia* L. Infrequent; woodland borders and roadsides; throughout. Introduced. MWM 866; JRM 7664

*Senna marilandica* (L.) Link. Rare; woodland borders; NCP. JRM 9084, 9086

*Senna obtusifolia* (L.) H. S. Irwin & Barneby. Occasional; cultivated fields, roadsides, and waste places; throughout. Introduced. MWM 2354

*Sesbania herbacea* (Mill.) McVaugh. Common; cultivated fields, roadsides, and waste places; throughout. MWM 2256; JRM 7775

*Strophostyles helvula* (L.) Elliott. Frequent; sandy creek and river banks and adjacent fields; throughout. MWM 2237; JRM 7429

*Strophostyles leiosperma* (Torr. & A. Gray) Piper. Infrequent; roadsides, dry woods, and clearings; NCP. JRM 7241, 9051

*Strophostyles umbellata* (Muh. ex Willd.) Britt. Infrequent; dry woods and clearings; NCP. MWM 2948, 3048; JRM 7543

*Stylosanthes biflora* (L.) Britton, Sterns & Poggenb. Common; upland woods, roadsides, and clearcut areas; LB, NCP. MWM 1181

*Tephrosia spicata* (Walter.) Torr. & A. Gray. Infrequent; upland woods and clearings; NCP. MWM 2032; JRM 8890

*Tephrosia virginiana* (L.) Pers. Common; upland woods, roadsides, and clearcut areas; LB, NCP. MWM 973

*Trifolium arvense* L. Infrequent; roadsides and waste places; LB, NCP. Introduced. MWM 2856; JRM 9429

*Trifolium campestre* Schreb. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 757; JRM 8416

*Trifolium dubium* Sibth. Common; fields, lawns, roadsides, and waste places; throughout. Introduced. MWM 626; JRM 8333

*Trifolium incarnatum* L. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 660

*Trifolium lappaceum* L. Rare; roadside adjacent to open field; NCP. Introduced. JRM 8725

*Trifolium pratense* L. Occasional; roadsides; LB, NCP. Introduced. MWM 848

*Trifolium repens* L. Common; lawns, roadsides, pastures, and waste places; throughout. Introduced. MWM 726; JRM 7515

*Trifolium resupinatum* L. Infrequent; roadsides and waste places; throughout. Introduced. MWM 2764

*Trifolium vesiculosum* Savi. Occasional; pastures, fields, and roadsides; LB, NCP. Introduced. MWM 2839; JRM 8792

*Vicia caroliniana* Walter. Frequent; dry-mesic to rich woods; LB, NCP. MWM 598; JRM 8257

*Vicia grandiflora* Scop. Infrequent; pastures and roadsides; LB, NCP. Introduced. MWM 2730; JRM 8785

*Vicia minutiflora* Dietr. Rare; open woods near sandy creek bottom; NCP. JRM 8291

*Vicia sativa* L. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 714; JRM 8244

*Vicia tetrasperma* (L.) Schreb. Infrequent; roadsides; NCP. JRM 8424

*Vicia villosa* Roth. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 849

*Wisteria frutescens* (L.) Poir. Occasional; woods and thickets along streams, creeks, and rivers; throughout. MWM 2281

*Wisteria sinensis* Sweet. Infrequent; old house sites, roadsides; throughout. Introduced. MWM 2737; JRM 8327

### Fagaceae

*Castanea dentata* Borkh. Occasional; stump sprouts near streams

and spring branches in dry-mesic to rich woods; a few individuals over 7 m in height; LB, NCP\*. MWM 749, 2107, 2115, 2781; JRM 7092, 7694, 8490

*Castanea pumila* (L.) Mill. Rare; sandy upland woods; NCP. MWM 776, 2688, 2817

*Fagus grandifolia* Ehrh. Common; rich woods; LB, NCP. MWM 643; JRM 7622

*Quercus alba* L. Common; dry-mesic to rich woods; LB, NCP. MWM 2250; JRM 8762b

*Quercus coccinea* Muench. Infrequent; upland woods; LB, NCP. MWM 2534; JRM 7474, 8866

*Quercus falcata* Michx. Common; upland woods; LB, NCP. MWM 3072; JRM 7368

*Quercus hemisphaerica* W. Bartram. Uncommon; dry upland woods and adjacent sandy creek bottom of the Batupan Bogue; LB/NCP. MWM 3047

*Quercus laurifolia* Michx. Infrequent; bottomland hardwood forests; YMD, NCP. MWM 2276, 2703; JRM 7333

*Quercus lyrata* Walt. Occasional; low woods; LB, NCP, YMD\*. MWM 971

*Quercus marilandica* Muench. Common; upland woods; LB, NCP\*. MWM 3070; JRM 7566

*Quercus michauxii* Nutt. Frequent; bottomland hardwood forests and along streams in rich woods; throughout. MWM 727; JRM 8999

*Quercus muehlenbergii* Engelm. Infrequent; dry-mesic to rich woods; LB\*, LB/NCP. MWM 1171, 2007

*Quercus nigra* L. Common; low to upland woods; throughout. MWM 2346; JRM 7538b

*Quercus pagoda* Raf. Common; bottomland hardwood forests; throughout. MWM 2560

*Quercus phellos* L. Common; low to upland woods; throughout. MWM 728, 2847a; JRM 7785

*Quercus rubra* L. Occasional; rich woods; LB, NCP. MWM 2547; JRM s.n.

*Quercus shumardii* Buckley. Occasional; rich to well-drained bottomland hardwood forests; throughout. MWM 2563; JRM 8998, 7536

*Quercus similis* Ashe (= *Quercus mississippiensis* Ashe). Occasional; bottomland hardwood forests; YMD. MWM 1071

*Quercus stellata* Wang. Common; upland woods; LB, NCP. MWM 2232

*Quercus texana* Buckley. (= *Quercus nuttallii* E.J. Palmer). Frequent; low woods; YMD. MWM 1198

*Quercus velutina* Lam. Common; upland woods; LB, NCP. MWM 2015

### Fumariaceae

*Corydalis flavula* (Raf.) DC. Occasional; rich and alluvial woods; LB, YMD\*. MWM 587, 2717

### Gentianaceae

*Bartonia paniculata* (Michx.) Muhl. Infrequent; bogs and spring branches; NCP. MWM 2538, 2610; JRM 7684

*Gentiana saponaria* L. Occasional; bogs and spring branches; NCP. MWM 2699, 2700

*Gentiana villosa* L. Occasional; upland woods; LB, NCP. MWM 2701; JRM 7874b, 9170

*Obolaria virginica* L. Occasional; rich woods; LB, NCP. MWM 583

*Sabatia angularis* (L.) Pursh. Occasional; moist woodland borders and meadows; LB, NCP. MWM 2244; JRM 8927

*Sabatia brachiata* Elliott. Rare; borders of upland woods; NCP. JRM 7237, 7239, 8893

*Sabatia campestris* Nutt. Rare; borders of upland woods; NCP. JRM 9682



**Geraniaceae**

*Geranium carolinianum* L. Common; fields, roadsides, lawns, and waste places; throughout. MWM 609

*Geranium dissectum* L. Infrequent; roadsides and waste places; throughout. Introduced. MWM 2792

*Geranium maculatum* L. Occasional; rich woods; LB, NCP. MWM 662

**Haloragaceae**

*Myriophyllum aquaticum* (Vell.) Verdc. Infrequent; aquatic in bald cypress-water tupelo swamps, sloughs, and ditches; throughout. Introduced. MWM 778

**Hamamelidaceae**

*Hamamelis virginiana* L. Frequent; rich woods; LB, NCP\*. MWM 751, 2702

**Heloniadaceae**

*Chamaelirium luteum* (L.) A. Gray. Frequent; rich to dry-mesic woods; LB, NCP\*. MWM 774; JRM 9428

**Hyacinthaceae**

*Muscari racemosum* (L.) Mill. Infrequent; pastures and meadows; throughout. Introduced. MWM 593

**Hydrangeaceae**

*Decumaria barbara* L. Frequent; along streams in low, rich woods, bogs, and spring branches; LB, NCP\*. MWM 994; JRM 7683

*Hydrangea arborescens* L. Frequent; rich woods and stream banks; LB, NCP. MWM 1170; JRM 7426

*Hydrangea quercifolia* W. Bartram. Common; rich to dry-mesic woods; LB, NCP. MWM 986; JRM 7397

**Hydrocharitaceae**

*Limnobium spongia* (Bosc) Steud. Infrequent; aquatic in bald cypress-water tupelo swamps; YMD. MWM 2736

**Hydroleaceae**

*Hydrolea uniflora* Raf. Frequent; margins of bald cypress-water tupelo swamps, sloughs, ditches, and marshes; LB, NCP, YMD\*. MWM 2291; JRM 7459

**Iridaceae**

*Iris cristata* Aiton. Frequent; rich and mesic woods; LB, NCP. MWM 744, 2751; JRM 7068

*Iris fulva* Ker. Gawl. Occasional; low woods, marshes, and margins of cypress swamps; YMD, LB/YMD. MWM 2769

*Iris germanica* L. Infrequent; old house sites; throughout. Introduced. MWM 2791

*Iris giganticaerulea* Small. Rare; margin of bald cypress-water tupelo swamp in the Yalobusha River Floodplain; LB/YMD. MWM 2823

*Iris virginica* L. Rare; marsh at edge of bottomland woods; YMD. MWM 2791

*Sisyrinchium albidum* Raf. Infrequent; rich woods; LB\*, NCP. MWM 715

*Sisyrinchium angustifolium* Mill. Frequent; low woods and meadows; throughout. MWM 784

*Sisyrinchium exile* Bickn. Infrequent; lawns; NCP. Introduced. JRM s.n.

*Sisyrinchium rosulatum* Bickn. Infrequent; pastures and lawns; LB, NCP. Introduced. JRM s.n.

**Iteaceae**

*Itea virginica* L. Frequent; swamp forests, bogs, spring branches, and along streams; throughout. MWM 931

**Juglandaceae**

*Carya aquatica* (Michx. f.) Nutt. Frequent; low woods; LB, NCP, YMD\*. MWM 1197

*Carya carolinae-septentrionalis* (Ashe) Engl. & Graebn. Occasional; dry-mesic to rich woods; NCP. MWM 791

*Carya cordiformis* (Wang.) K. Koch. Frequent; rich woods and creek bottoms; LB, NCP. MWM 964, 2518; JRM 9064

*Carya glabra* (Mill.) Sweet. Infrequent; dry-mesic to rich woods; LB, NCP. MWM 2693

*Carya illinoensis* (Wang.) K. Koch. Infrequent; bottomland woods; YMD; planted elsewhere and locally naturalized throughout. MWM 2378

*Carya leiodermis* Sarg. Infrequent; bottomland hardwood forests; LB, NCP, YMD\*. MWM 2377, 2917; JRM 6241, 7087

*Carya ovalis* (Wang.) Sarg. Frequent; upland woods; LB, NCP. MWM 2644

*Carya ovata* (Mill.) K. Koch. Occasional; bottomland to rich woods; throughout. MWM 976; JRM 7784

*Carya pallida* (Ashe) Engl. & Graebn. Occasional; dry upland woods; LB, NCP. MWM 2116, 2817b; JRM 7086, 7567

*Carya tomentosa* (Poir.) Nutt. Common; upland woods; LB, NCP. MWM 2687

*Juglans cinerea* L. Rare; rich woods; LB. MWM 2006, 3038

*Juglans nigra* L. Occasional; rich woods and creek bottoms; LB, NCP; planted elsewhere and locally naturalized throughout. MWM 2040; JRM 8492, 9065

**Juncaceae**

*Juncus acuminatus* Michx. Frequent; marshes, ditches, and wet fields; throughout. MWM 807

*Juncus brachycarpus* Engelm. Infrequent; roadside ditches; NCP. JRM 7292, 8864

*Juncus bufonius* L. Infrequent; fields and ditches; throughout. MWM 2824, 2842; JRM 8498

*Juncus canadensis* J. Gay ex La Harpe. Rare; open sandy seepage area; NCP. MWM 3058

*Juncus coriaceus* Mack. Occasional; marshes and ditches; throughout. MWM 2166

*Juncus dichotomus* Elliott. Occasional; marshes and ditches; throughout. MWM 2806

*Juncus diffusissimus* Buckley. Occasional; wet creek banks and pond margins; NCP. MWM 3057

*Juncus effusus* L. Common; marshes, ditches, and pond margins; throughout. MWM 797

*Juncus elliottii* Coville. Rare; edge of beaver pond; NCP. JRM 8860

*Juncus marginatus* Rostk. Frequent; bogs, marshes, and ditches; throughout. MWM 977, 2870

*Juncus nodatus* Coville. Infrequent; marshes, ditches, and pond margins; throughout. MWM 2793, 2835; JRM 8950

*Juncus scirpoides* Lam. Occasional; sandy creek banks and wet upland roadsides; LB, NCP. MWM 965

*Juncus tenuis* Willd. Common; fields, roadsides, and waste places; throughout. MWM 642, 2833

*Juncus torreyi* Coville. Rare; low, wet meadow; NCP. JRM 7291

*Juncus validus* Coville. Frequent; wet fields and ditches; throughout. MWM 857, 992; JRM 8094

*Luzula acuminata* Raf. Rare; lower slopes in rich woods; LB/NCP. JRM 8487

*Luzula bulbosa* (Wood) Rydb. Infrequent; dry woods and in clay soils on roadsides; NCP. MWM 2724; JRM 8321c

*Luzula echinata* (Small) F. J. Herm. Frequent; sandy soil in rich woods and on bluffs; LB, NCP. MWM 2173, 2722; JRM 8287

**Lamiaceae**

*Blephilia ciliata* Raf. Frequent; upland woods and thickets; LB\*, NCP. MWM 963; JRM 8714

*Callicarpa americana* L. Common; bottomland to upland woods; throughout. MWM 2014a; JRM 7514

*Collinsonia canadensis* L. Infrequent; rich woods; LB, NCP. MWM 2619; JRM 7667, 9186

*Collinsonia tuberosa* Michx. Rare; dry-mesic woods; NCP. JRM 7873

*Glechoma hederacea* L. Occasional; woodland borders, pastures, and lawns; throughout. Introduced. MWM 645



- Hedeoma hispida* Pursh. Occasional; pastures, dry fields, and woodland borders; LB, NCP. MWM 948; JRM 7065, 8772
- Lamium amplexicaule* L. Common; fields, roadsides, lawns, and waste places; throughout. Introduced. MWM 636; JRM 8292
- Lamium purpureum* L. Infrequent; roadsides and waste places; throughout. Introduced. MWM 588; JRM 8306
- Lycopus rubellus* Moench. Frequent; in bald cypress-water tupelo swamps and low, wet woods; YMD. MWM 3033
- Lycopus virginicus* L. Common; low, wet woods, marshes, and ditches; throughout. MWM 2539, 3020; JRM 7687c, 9135
- Monarda fistulosa* L. Common; upland woods, clearings, and roadsides; LB, NCP. MWM 1193; JRM 8820
- Perilla frutescens* (L.) Britton. Occasional; pastures, woodland borders, and roadsides; throughout. Introduced. MWM 2627; JRM 7777, 9191
- Physotegia virginiana* (L.) Benth. Infrequent; moist meadows and roadside ditches; LB/NCP, NCP. MWM 2034
- Prunella vulgaris* L. Occasional; pastures and woodland borders; LB, NCP. Introduced. MWM 861; JRM 8790
- Pycnanthemum albescens* Torr. & A. Gray. Occasional; upland woods, clearings, and roadsides; LB, NCP. MWM 2361; JRM 7510
- Pycnanthemum verticillatum* (Michx.) Pers. var. *pilosum* (Nutt.) Cooperrider. Rare; moist meadows and borders of upland woods; NCP. JRM 7671, 9083
- Pycnanthemum tenuifolium* Schrad. Frequent; moist meadows and woodland borders; LB, NCP. MWM 1179; JRM 7380
- Salvia lyrata* L. Common; upland woods, meadows, lawns, and roadsides; LB, NCP. MWM 614; JRM 8381
- Scutellaria elliptica* Muhl. Uncommon; upland woods; NCP. MWM 2108
- Scutellaria incana* Spreng. Occasional; upland woods; LB, NCP. MWM 2136, 2274, 2285a; JRM 8850
- Scutellaria integrifolia* L. Common; woodland borders, pastures, and roadsides; throughout. MWM 993, 1051; JRM 7820
- Scutellaria lateriflora* L. Occasional; margins of bald cypress-water tupelo swamps, sloughs, and low, wet woods; YMD\*, LB. MWM 2467
- Scutellaria ovata* Hill. Rare; rich woods; NCP. MWM 1058
- Scutellaria parvula* Michx. Occasional; woodland borders and fields; throughout. MWM 709; JRM 9373
- Stachys tenuifolia* Willd. Occasional; low, wet woods and thickets; LB, NCP, YMD\*. MWM 2157, 2286; JRM 8980
- Teucrium canadense* L. Occasional; low woods and thickets; LB, NCP, YMD\*. MWM 2120; JRM 7250
- Trichostema dichotomum* L. Infrequent; upland woods and clearings; NCP. MWM 2615

#### Lauraceae

- Lindera benzoin* (L.) Blume. Frequent; stream banks and rich woods; LB/YMD, LB\*, NCP. MWM 584, 659, 2704; JRM 7691
- Sassafras albidum* (Nutt.) Nees. Common; bottomland to upland woods, fence rows, and old fields; throughout. MWM 3075; JRM 8284

#### Lentibulariaceae

- Utricularia biflora* Lam. Occasional; aquatic in bald cypress-water tupelo swamps, sloughs, and shallow pools; LB, NCP, YMD\*. MWM 2296, 2886

#### Liliaceae

- Lilium superbum* L. Occasional; rich woods along streams, wet meadows at woodland borders, and edges of bogs; LB, NCP\*. MWM 2337, 2927; JRM 7060

#### Linaceae

- Linum medium* (Planch.) Britton. Common; upland woods, clearings, and old fields; LB, NCP. MWM 2110, 2119, 2165

- Linum striatum* Walter. Occasional; low woods, bogs, stream and creek banks; LB, NCP\*. MWM 2039; JRM 7301

#### Linderniaceae

- Lindernia dubia* (L.) Pennell. Occasional; wet fields, swamp forests, and marshes; throughout. MWM 1182, 2177; JRM 7522
- Micranthemum umbrosum* (J. F. Gmel.) S. F. Blake. Rare (although locally common); marshes and pond margins; NCP. MWM 2402; JRM 8980b

#### Loganiaceae

- Gelsemium sempervirens* (L.) Aiton f. Uncommon; upland woods; NCP. JRM 7321
- Mitreola petiolata* (J. F. Gmel.) Torr. & A. Gray. Rare; wet meadow and bog at edge of beaver pond; NCP. MWM 3013; JRM 9124
- Spigelia marilandica* L. Frequent; rich woods and adjacent meadows; LB, NCP. MWM 954; JRM 8821

#### Lythraceae

- Ammania coccinea* Rottb. Common; marshes, mudflats, and drawn-down sloughs; throughout. MWM 2239; JRM 7440
- Cuphea carthagenensis* (Jacq.) J. F. MacBr. Infrequent; wet meadows, ditches, and marshes along the Batupan Bogue; LB/NCP. Introduced. MWM 2283
- Lagerstroemia indica* L. Infrequent; old house sites; throughout. Introduced. MWM 2472; JRM 9088
- Lythrum lanceolatum* Elliott. Frequent; marshes, ditches, and low woodland borders; throughout. MWM 2131
- Lythrum salicaria* L. Rare; open ditch bank; NCP. Introduced. MWM 2890
- Rotala ramosior* (L.) Koehne. Common; marshes, mudflats, low woodland borders, and drawn-down sloughs; throughout. MWM 2122; JRM 7439

#### Magnoliaceae

- Liriodendron tulipifera* L. Common; rich woods; LB, NCP. MWM s.n.
- Magnolia acuminata* L. Frequent; rich woods; LB\*, NCP. MWM 656, 794, 2923; JRM 7465
- Magnolia grandiflora* L. Rare; along streams in rich woods; NCP. Introduced. MWM 3071; JRM s.n.
- Magnolia macrophylla* Michx. Uncommon (although locally common); rich woods; NCP. MWM 2114

#### Malvaceae

- Abutilon theophrastii* Medik. Uncommon; pastures, fields, and disturbed roadsides; LB/NCP, NCP. Introduced. JRM 9751
- Anoda cristata* (L.) Schlect. Rare; fields; NCP. Introduced. JRM 7865
- Hibiscus laevis* All. Frequent; marshes, sloughs, and margins of bald cypress-water tupelo swamps; throughout. MWM 2259
- Hibiscus lasiocarpus* Cav. Frequent; marshes, sloughs, roadside ditches, and margins of bald cypress-water tupelo swamps; throughout. MWM 2515
- Hibiscus moscheutos* L. Rare; edge of pond; NCP. JRM 9221
- Hibiscus syriacus* L. Rare; old house sites; LB. Introduced. MWM 2559
- Modiola caroliniana* (L.) G. Don. Rare; marshes and wet fields; NCP. MWM 2785; JRM 8245
- Sida rhombifolia* L. Infrequent; woodland borders and fields; throughout. Introduced. MWM 2626
- Sida spinosa* L. Common; cultivated fields, roadsides, and waste places; throughout. Introduced. MWM 2463a; JRM 7776

#### Melanthiaceae

- Veratrum virginicum* (L.) Aiton. Infrequent; bogs and spring branches; NCP. MWM 2811, 2930; JRM 8898

#### Melastomataceae

- Rhexia mariana* L. Frequent; moist, sandy soil in meadows, ditches, and along woodland borders; throughout. MWM 2010, 2126; JRM 7352, 7525



*Rhexia virginica* L. Occasional; bogs, low meadows, and marshes; NCP. MWM 2333; JRM 8976

#### Meliaceae

*Melia azedarach* L. Occasional; woodland borders and roadsides; throughout. Introduced. MWM 2516

#### Menispermaceae

*Calyocarpum lyonii* (Pursh) Nutt. Frequent; in thickets and along streams in rich woods; LB\*, NCP. MWM 990; JRM 8795

*Cocculus carolinus* (L.) DC. Common; bottomland woods and thickets; throughout. MWM 2146

#### Molluginaceae

*Mollugo verticillata* L. Common; fields, lawns, and sandbars along creeks and rivers; throughout. Introduced. MWM 1006; JRM 7505

#### Montiaceae

*Claytonia virginica* L. Common; bottomland to upland woods, pastures, roadsides, and lawns; throughout (not common in YMD). MWM 535; JRM 8294

#### Moraceae

*Broussonetia papyrifera* (L.) Vent. Infrequent; old house sites and roadsides; throughout. Introduced. MWM 2637

*Maclura pomifera* (Raf.) C. K. Schneid. Occasional; pastures, woodland borders, and roadsides; LB, LB/NCP. Introduced. MWM 2398; JRM 8496

*Morus rubra* L. Common; bottomland and rich woods; throughout. MWM 2351a

#### Nymphaeaceae

*Nymphaea odorata* Aiton. Rare; aquatic in artificial pond; NCP. JRM 9792

#### Nyssaceae

*Nyssa aquatica* L. Frequent; swamp forests; LB, NCP, YMD\*. MWM 2351

*Nyssa sylvatica* Marshall. Common; bottomland to upland woods; throughout. MWM 1007, 2449; JRM 7372, 8868

#### Oleaceae

*Forestiera acuminata* (Michx.) Poir. Frequent; margins of bald cypress-water tupelo swamps, river banks, and low woods; throughout. MWM 527

*Fraxinus americana* L. Frequent; bottomland, rich, and dry-mesic woods; throughout. MWM 2160, 2406

*Fraxinus pensylvanica* Marshall. Frequent; low woods; throughout. MWM 978; JRM 8844

*Fraxinus profunda* (Bush) Bush. Rare; swamp forest at base of bluff; LB. MWM 2407, 2558

*Ligustrum sinense* Lour. Abundant; low woods, fence rows, thickets, and waste places; throughout. Introduced. MWM 856; JRM 10000

#### Onagraceae

*Circaea canadensis* (L.) Hill. Occasional; rich and alluvial woods; LB\*, LB/YMD, LB/NCP. MWM 1172; JRM 8762

*Gaura biennis* L. Frequent; woodland borders, meadows, and roadsides; LB, NCP. MWM 2483; JRM 7852

*Ludwigia alternifolia* L. Common; marshes, ditches, and low woods; throughout. MWM 2171, 2345; JRM 7450

*Ludwigia decurrens* Walter. Common; marshes, ditches, and low woodland borders; throughout. MWM 2264; JRM 7458

*Ludwigia glandulosa* Walter. Common; marshes, ditches, and low woods; throughout. MWM 2292; JRM 7256

*Ludwigia leptocarpa* (Nutt.) H. Hara. Uncommon; mudflats around Grenada Lake and near the Yalobusha River; LB/NCP, NCP. MWM 2681; JRM 9213

*Ludwigia palustris* (L.) Elliott. Common; marshes and ditches; throughout. MWM 1056; JRM 7464

*Ludwigia peploides* (Kunth) P. H. Raven var. *glabrescens* (Kuntze) Shinners. Common; marshes, ditches, and ponds; throughout. Introduced. MWM 2130

*Oenothera biennis* L. Frequent; woodland borders, roadsides, and fields; throughout. MWM 2464; JRM 7467

*Oenothera laciniata* Hill. Common; fields, roadsides, and waste places; throughout. MWM 648; JRM 8136

*Oenothera linifolia* Nutt. Rare; dry woods; NCP. MWM 2822; JRM 7221

*Oenothera pilosella* Raf. Rare; low, wet meadow on roadside; NCP. JRM 9452

*Oenothera speciosa* Nutt. Occasional; roadsides and waste places; throughout. Introduced. MWM 981; JRM 9372

#### Orchidaceae

*Calopogon tuberosus* (L.) Britton, Sterns & Poggenb. Rare; open sandy bogs; NCP. MWM 2888

*Corallorhiza odontorhiza* (Willd.) Nutt. Rare; rich to dry-mesic woods; NCP. MWM 561; JRM 8165

*Corallorhiza wisteriana* Conrad. Rare; on rich bluff above Yalobusha River floodplain; LB. MWM 612

*Cypripedium parviflorum* Salisb. var. *pubescens* (Willd.) Knight. Uncommon; rich ravines; LB\*, LB/NCP. MWM 2750; JRM 7230

*Isotria verticillata* (Muhl. ex Willd.) Raf. Occasional; seepage slopes in rich woods and edges of bogs; NCP. MWM 2020, 2763

*Listera australis* Lindl. Occasional; mossy stream banks and seepage slopes in rich woods; LB, NCP. MWM 528, 543; JRM 8289

*Malaxis unifolia* Michx. Infrequent; upland pine-oak-hickory woods and edges of bogs; NCP. MWM 975

*Platanthera ciliaris* (L.) Lindl. Uncommon; bogs and spring branches; NCP. MWM 2938

*Platanthera clavellata* (Michx.) Luer. Frequent; bogs, spring branches, seepage slopes, and along streams in low, rich woods; LB, NCP\*. MWM 2263, 2356, 2926; JRM 8945

*Platanthera cristata* (Michx.) Lindl. Rare; bogs; NCP. MWM 2405

*Platanthera flava* (L.) Lindl. Infrequent; low, wet woods; LB, LB/YMD. MWM 2262, 2916

*Platanthera lacera* (Michx.) G. Don in Sweet. Rare; moist woodland borders and along streams in rich woods; NCP. MWM 996; JRM 8767, 9485

*Platanthera peramoena* A. Gray. Rare; low, wet woods and adjacent meadows in the Yalobusha River floodplain; LB/NCP. MWM 2913

*Spiranthes cernua* (L.) Rich. Frequent; bogs, along streams in low, rich woods, and meadows; LB, NCP\*. MWM 2680; JRM 7877, 8167

*Spiranthes lacera* (Raf.) Raf. var. *gracilis* (Bigel.) Luer. Rare; moist, sandy soil along rich woodland border near stream; NCP. MWM 105

*Spiranthes ovalis* Lindl. Infrequent; bottomland hardwood forests, terraces along streams in rich woods, gentle slopes bordering swamps, and natural levees of rivers and creeks; throughout. MWM 2634, 2677; JRM 9228b

*Spiranthes tuberosa* Raf. Frequent; dry pine or pine-oak-hickory woods; NCP. MWM 2037, 2123; JRM 8891

*Spiranthes vernalis* Engelm. & A. Gray. Frequent; meadows and pastures; throughout (rare in YMD). MWM 2023

*Tipularia discolor* (Pursh) Nutt. Frequent; along streams in rich woods to rather dry upland woods; throughout (rare in YMD). MWM 2335, 2925; JRM 7681, 8992

*Triphora trianthophora* (Sw.) Rydb. Rare; bottomland hardwood forests; NCP. JRM 7937, 9865

#### Orobanchaceae

*Agalinis fasciculata* (Elliott) Raf. Common; woodland borders, meadows, and old fields; throughout. MWM 2549a; JRM 7561

*Agalinis gattingeri* (Small) Small. Rare; moist woodland borders; NCP. JRM 7662, 9177



- Agalinis purpurea* (L.) Pennell. Infrequent; woodland borders, meadows, and old fields; NCP. JRM s.n.
- Agalinis tenuifolia* (Vahl) Raf. Frequent; borders of upland woods, meadows, and old fields; LB, NCP. MWM 2540, 2642; JRM 7851b
- Agalinis viridis* (Small) Pennell. Uncommon; moist meadows; NCP. JRM 7821, 9167
- Aureolaria flava* (L.) Farw. Frequent; in and at the edges of upland woods; LB, NCP. MWM 3006; JRM 7511
- Aureolaria pectinata* (Nutt.) Pennell. Occasional; dry upland woods; NCP. MWM 2537; JRM 7573
- Buchnera floridana* Gand. Uncommon; moist meadows; NCP. JRM 7298, 8894, 9747
- Dasistoma macrophyllum* (Nutt.) Raf. Uncommon; low, rich woods; LB, LB/NCP. MWM 2409, 2999; JRM 9067
- Epifagus virginiana* (L.) Barton. Frequent; parasitic on roots of *Fagus* in rich woods; LB, NCP. MWM 2684; JRM 7696
- Pedicularis canadensis* L. Occasional; rich to dry-mesic woods; LB, NCP. MWM 599; JRM 8329

#### Oxalidaceae

- Oxalis articulata* Sav. in Lam. Infrequent; disturbed sites; throughout. Introduced. MWM 2731
- Oxalis dillenii* Jacq. Common; lawns, roadsides, fields, and waste places; throughout. MWM 623
- Oxalis stricta* L. Common; woods and thickets; throughout. MWM 2825, 2828; JRM 9791
- Oxalis violacea* L. Common; rich to dry-mesic woods; LB, NCP. MWM 605; JRM 8597

#### Papaveraceae

- Sanguinaria canadensis* L. Rare (although locally common); rich woods; LB. MWM 529, 531

#### Passifloraceae

- Passiflora incarnata* L. Common; woodland borders, thickets, fields, and roadsides; throughout. MWM 1192; JRM 7516
- Passiflora lutea* L. Frequent; bottomland to upland woods and thickets; throughout. MWM 2176; JRM 7498

#### Penthoraceae

- Penthorum sedoides* L. Frequent; low, wet woods and marshes; throughout. MWM 2347; JRM 7418

#### Phrymaceae

- Mazus pumilus* (Burm. f.) Steenis. Rare; lawns; NCP. Introduced. JRM s.n.
- Mimulus alatus* Aiton. Frequent; marshes, low woods, and stream and creek banks; throughout. MWM 2336; JRM 7417
- Phryma leptostachya* L. Frequent; rich woods; LB\*, NCP. MWM 2156; JRM 7473

#### Phytolaccaceae

- Phytolacca americana* L. Common; woodland borders, roadsides, clearcut areas, and waste places; throughout. MWM 2044; JRM 7355

#### Plantaginaceae

- Bacopa rotundifolia* Wettst. Rare; edges of ponds; LB/NCP, NCP. MWM 2993; JRM 7275, 8211
- Callitriche heterophylla* Pursh. Frequent; ephemeral pools, wet fields, and ditches; throughout. MWM 633, 2762; JRM 8227
- Callitriche pedunculosa* Nutt. Infrequent; low fields; LB. MWM 2748
- Callitriche peploides* Nutt. Uncommon; exposed ditch banks and bottomland hardwoods; NCP. JRM 9486
- Chelone glabra* L. Uncommon; bogs and spring branches; NCP. MWM 2620
- Gratiola neglecta* Torr. Frequent; wet fields and low woodland borders; throughout. MWM 713; JRM 8228

- Gratiola virginiana* L. Frequent; marshes, swamp forests, and ditches; throughout. MWM 708
- Leucospora multifida* (Michx.) Nutt. Infrequent; woodland borders and fields; LB. MWM 2460
- Mecardonia acuminata* (Walter) Small. Occasional; marshes and wet fields; LB, NCP. MWM 2493; JRM 7399
- Nuttallanthus canadensis* (L.) D. A. Sutton. Common; fields, woodland borders, and roadsides; throughout. MWM 635; JRM 8242
- Penstemon laxiflorus* Pennell. Occasional; dry upland woods and roadsides; NCP. MWM 789
- Penstemon tenuis* Small. Rare; bottomland woods; YMD. MWM 2824
- Plantago aristata* Michx. Common; fields, roadsides, and waste places; throughout. MWM 1057; JRM 8788
- Plantago heterophylla* Nutt. Infrequent; fields, NCP. MWM 2744; JRM 8300
- Plantago lanceolata* L. Common; fields, roadsides, lawns, and waste places; throughout. Introduced. MWM 1012; JRM 8845
- Plantago rugelii* Decne. Common; fields, pastures, lawns, and waste places; throughout. MWM 2027; JRM 8868b
- Plantago virginica* L. Common; fields, roadsides, and waste places; throughout. MWM 610; JRM 8495
- Sophranthe pilosa* (Michx.) Small. Uncommon; open sandy bogs and seepage areas; NCP. MWM 3007; JRM 7300
- Veronica arvensis* L. Common; lawns, fields, roadsides, and waste places; throughout. Introduced. MWM 559, 621
- Veronica peregrina* L. Common; fields, roadsides, and waste places; throughout. MWM 2712
- Veronicastrum virginicum* (L.) Farw. Rare; moist meadows and woodland borders; NCP. JRM 7325, 9026

#### Platanaceae

- Platanus occidentalis* L. Common; low woods, especially along creek and river banks; throughout. MWM 2113; JRM 9029

#### Poaceae

- Agrostis elliottiana* Schult. Infrequent; dry woods and roadsides; NCP. MWM 2777; JRM 8418
- Agrostis hyemalis* (Walter) Britton, Sterns & Poggenb. Common; fields, meadows, and roadsides; throughout. MWM 841
- Agrostis perennans* (Walter) Tuck. Common; low woods, marshes, and ditches; throughout. MWM 2396, 2448; JRM 7686
- Aira elegans* Willd. ex Gaudin. Frequent; pastures, fields, and roadsides; throughout. Introduced. MWM 946
- Alopecurus carolinianus* Walter. Common; low fields and ditches; throughout. MWM 628; JRM 8298
- Andropogon gerardii* Vitman. Occasional; dry woods and fields; throughout. MWM 2568; JRM 7545, 9230
- Andropogon glomeratus* (Walter) Britton, Sterns, & Poggenb. Occasional; low woods, bogs, and roadsides; LB, NCP, YMD, LB/YMD\*. MWM 2695; JRM 8134, 9193
- Andropogon gyrans* Ashe. Rare; dry pine woods; NCP. MWM 3039; JRM 9218
- Andropogon ternarius* Michx. Infrequent; dry woods and clearcut areas; NCP. MWM 2674; JRM 9219
- Andropogon virginicus* L. Abundant; dry to low woods, fields, and roadsides; throughout. MWM 2643, 2648; JRM 9189
- Aristida dichotoma* Michx. Occasional; dry woods and roadsides; NCP. MWM 2616; JRM 9129
- Aristida longespica* Poir. Occasional; dry woods and roadsides; LB/NCP, NCP. MWM 2657; JRM 7348, 9128
- Aristida oligantha* Michx. Common; dry woods, fields, and roadsides; throughout. MWM 2480; JRM 7839
- Aristida purpurascens* Poir. Infrequent; dry woods and roadsides; LB/NCP, NCP. MWM 2656; JRM 7452, 7846
- Aristida ramosissima* Engelm. ex A. Gray. Uncommon; roadsides in upland areas; LB/NCP, NCP. JRM 7840, 9066



- Arthraxon hispidus* (Thunb.) Makino var. *cryptatherus* (Hackel) Honda. Frequent; low woods, ditches, and creek banks; LB, NCP. Introduced. MWM 2625; JRM 7779, 9184
- Arundinaria gigantea* (Walter) Muhl. Common; low, rich, and dry-mesic woods; throughout. MWM 2000; JRM 8260
- Arundo donax* L. Infrequent; roadsides; throughout. Introduced. MWM 2980; JRM 7669
- Avena sativa* L. Occasional; disturbed areas; throughout. Introduced. MWM 1015
- Axonopus fissifolius* (Raddi) Kuhl. Infrequent; moist, sandy soil in pine woods; NCP. MWM 2949; JRM 7478
- Axonopus furcatus* (Fluegge) Hitchc. Rare; low, wet meadows; NCP. JRM 9056
- Bothriochloa ischaemum* (L.) Keng. Rare; roadside; LB/NCP. Introduced. JRM 9274
- Bothriochloa laguroides* (DC.) Herter. Infrequent; roadsides and open woods; LB. Introduced. MWM 2696
- Brachyelytrum erectum* (Schreb.) P. Beauv. Frequent; rich woods; LB, NCP. MWM 2025, 2047, 2106; JRM 8869
- Briza minor* L. Occasional; meadows and woodland borders; throughout. Introduced. MWM 2795; JRM 8723
- Bromus arvensis* L. Infrequent; meadows and woodland borders; LB, NCP. Introduced. MWM 939
- Bromus catharticus* Vahl. Infrequent; moist meadows; NCP. Introduced. JRM 7277
- Bromus pubescens* Willd. Rare; rich woods; LB. MWM 2026
- Bromus racemosus* L. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 850; JRM 8760, 8776
- Bromus tectorum* L. Occasional; roadsides, fields, and waste places; LB, NCP. Introduced. MWM 864
- Chasmanthium latifolium* (Michx.) Yates. Frequent; low or rich woods and creek banks; throughout. MWM 2251; JRM 7489
- Chasmanthium laxum* (L.) Yates. Occasional; bogs and low woods; throughout. MWM 2897; JRM 8941
- Chasmanthium sessiliflorum* (Poir.) Yates. Frequent; bottomland to upland woods; throughout. MWM 2146a; JRM 8942
- Chloris virgata* Sw. Rare; ruderal; NCP. Introduced. JRM 7506, 8979, 9748
- Cinna arundinacea* L. Occasional; low, rich woods and bogs; throughout. MWM 2566, 2572, 2574; JRM 7539, 9169
- Cynodon dactylon* (L.) Pers. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 1014
- Dactylis glomerata* L. Infrequent; pastures, meadows, and roadsides; LB, NCP. Introduced. MWM 2161; JRM 8726
- Danthonia sericea* Nutt. Frequent; dry woods and roadsides; NCP. MWM 2776, 2800; JRM 8427
- Danthonia spicata* (L.) P. Beauv. ex Roem. & Schult. Rare; dry woods; LB/NCP. MWM 2885
- Dichanthelium aciculare* (Desv. ex Poir.) Gould & C. A. Clark. Occasional; dry woods; NCP. MWM 2142, 2805; JRM 7281, 9130
- Dichanthelium acuminatum* (Sw.) Gould & C. A. Clark. var. *acuminatum*. Occasional; dry woods and roadsides; NCP. MWM 2815; JRM 7282
- Dichanthelium acuminatum* (Sw.) Gould & C. A. Clark var. *lindheimeri* (Nash) Gould & Clark. Occasional; moist meadows, woodland borders, and fields; throughout. MWM 2958, 2964; JRM 7353
- Dichanthelium boscii* (Poir.) Gould & C. A. Clark. Frequent; dry to mesic woods; LB, NCP. MWM 837; JRM 7609c, 8091b
- Dichanthelium clandestinum* (L.) Gould. Occasional; stream and creek banks; throughout. MWM 1002, 2843
- Dichanthelium commutatum* (Schult.) Gould. Frequent; low and rich woods; throughout. MWM 777, 2810; JRM 7383
- Dichanthelium depauperatum* (Muhl.) Gould. Occasional; dry woods; NCP. MWM 843; JRM 8426, 9130
- Dichanthelium dichotomum* (L.) Gould. Frequent; dry woods and roadsides; LB, NCP. MWM 846, 985, 2521a, 2530
- Dichanthelium laxiflorum* (Lam.) Gould. Common; dry to mesic woods and roadsides; LB, NCP. MWM 838, 842
- Dichanthelium ravenelii* (Scribn. & Merr.) Gould. Infrequent; dry woods; NCP. JRM 7294, 8428b
- Dichanthelium scoparium* (Lam.) Gould. Common; low woods, ditches, and roadsides; throughout. MWM 1065; JRM 7408, 7609b
- Dichanthelium sphaerocarpon* (Elliott) Gould var. *isophyllum* (Scribn.) Gould & C. A. Clark. Frequent; stream and creek banks in low or rich woods; throughout. MWM 2877; JRM 7384, 7773
- Digitaria ciliaris* (Retz.) Koeler. Common; fields, roadsides, and waste places; throughout. MWM 2612; JRM 7480, 7488
- Digitaria filiformis* (L.) Koel. Infrequent; borders of upland woods; NCP. JRM 7572
- Digitaria violascens* Link. Frequent; lawns, fields, and waste places; throughout. Introduced. MWM 2163; JRM 7454b
- Echinochloa colonum* (L.) Link. Occasional; low fields, ditches, and marshes; throughout. Introduced. MWM 2963; JRM 7461
- Echinochloa crus-galli* (L.) Beauv. Common; low fields, marshes, and waste places; throughout. Introduced. MWM 1068, 2234
- Eleusine indica* (L.) Gaertn. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 2260, 2478a; JRM 8139
- Elymus virginicus* L. Common; woodland borders, meadows, and roadsides; throughout. MWM 960, 1175; JRM 8865
- Eragrostis capillaris* (L.) Nees. Infrequent; borders of upland woods; NCP. JRM 7490
- Eragrostis cilianensis* (All.) Viguelo ex Janch. Infrequent; roadsides and waste places; LB. Introduced. MWM 2978; JRM 7315
- Eragrostis curvula* (Schrad.) Nees. Occasional; sandy creek banks and borders of upland woods; spread from being planted for erosion control; LB, NCP. Introduced. MWM 1005
- Eragrostis hirsuta* (Michx.) Nees. Infrequent; in sandy soil along creeks; LB. MWM 2931
- Eragrostis hypnoides* (Lam.) Britton, Sterns & Poggenb. Occasional; mudflats around Grenada Lake and drawn-down sloughs; throughout. MWM 2542
- Eragrostis intermedia* Hitchc. Uncommon; roadsides; NCP. JRM s.n.
- Eragrostis japonica* (Thunb.) Trin. Occasional; sandbars along creeks and rivers, mudflats; throughout. Introduced. MWM 2395, 2468
- Eragrostis minor* Host. Common; roadsides; NCP. Introduced. JRM 7482
- Eragrostis pectinacea* (Michx.) Nees. Frequent; sandbars along creeks, roadsides, and waste places; throughout. MWM 2175, 2288a; JRM 7479, 9752
- Eragrostis pilosa* (L.) Beauv. Frequent; roadsides, fields, and waste places; throughout. Introduced. MWM 2944; JRM 7334b, 9749
- Eragrostis refracta* (Muhl.) Scribn. Uncommon; ditches in pine woods and along sandy creek banks; NCP. MWM 2396a; JRM 9168
- Eragrostis spectabilis* (Pursh) Steud. Common; sandy fields, dry woods, and clearcut areas; throughout. MWM 2666, 2959, 2966; JRM 7575
- Festuca subverticillata* (Pers.) E. B. Alexeev. Infrequent; low, cutover woods and pastures; LB/NCP, NCP. MWM 2879; JRM 8480
- Glyceria striata* (Lam.) Hitchc. Frequent; low woods and ditches; throughout. MWM 2787, 2832; JRM 8497
- Gymnopogon ambiguus* (Michx.) Britton, Sterns & Poggenb. Infrequent; dry woods and clearcut areas; NCP. MWM 2973, 2986; JRM 7608
- Hordeum pusillum* Nutt. Common; roadsides, fields, and waste places; throughout. MWM 712, 862; JRM 8419
- Leersia lenticularis* Michx. Occasional; low woods; YMD. MWM 2495
- Leersia oryzoides* (L.) Sw. Frequent; marshes, ditches, and low woods; throughout. MWM 2609, 2614; JRM 7680, 9224



- Leersia virginica* Willd. Common; low woods, marshes, and ditches; throughout. MWM 2392, 2565; JRM 7424
- Leptochloa panicea* (Retz) Ohwi. Occasional; fields, roadsides; throughout. MWM 2463
- Leptochloa panicoides* (Presl.) Hitchc. Frequent; wet woods and margins or sloughs; LB, NCP, YMD\*. Introduced. MWM 2257; JRM 7520
- Leptochloa uninervia* (Presl.) Hitchc. & Chase. Infrequent; moist meadows and roadsides; NCP. Introduced. JRM 7774
- Lolium perenne* L. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 924, 1053; JRM 8804
- Melica mutica* Walter. Frequent; rich and dry woods; LB, NCP. MWM 664; JRM 8484
- Microstegium vimineum* (Trin.) A. Camus. Frequent; low woods, ditches, and creek banks; LB\*, NCP. Introduced. MWM 3060; JRM 9210
- Muhlenbergia capillaris* (Lam.) Trinius. Rare; roadside in dry open woods; NCP. JRM s.n.
- Muhlenbergia schreberi* J.F. Gmel. Infrequent; low and rich woods; LB. MWM 2957; JRM 7880
- Muhlenbergia sylvatica* (Torr.) Torr. ex A. Gray. Infrequent; along sandy stream and creek banks in rich woods; LB/NCP, NCP. JRM 7423, 7438, 7778
- Oplismenus hirtellus* (L.) P. Beauv. ssp. *setarius* Mez ex Ekman. Infrequent; low woods; LB/YMD. MWM 3046
- Oryza sativa* L. Infrequent; roadside ditches at edges of bottomland hardwoods; YMD. Introduced. MWM 3025
- Panicum anceps* Michx. Common; roadsides, meadows, and dry woods; throughout. MWM 2112; JRM 7502
- Panicum dichotomiflorum* Michx. Abundant; fields, roadsides, and low or upland woods; throughout. MWM 2394, 2697; JRM 7456, 9183
- Panicum rigidulum* Nees. Frequent; low woods, marshes, and margins of sloughs; throughout. MWM 2331; JRM 7453
- Panicum virgatum* L. Occasional; meadows and roadsides; throughout. MWM 2482; JRM 7366
- Paspalum boscianum* Flugge. Occasional; low fields; throughout. MWM 2477; JRM 7390
- Paspalum dilatatum* Poir. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 2169
- Paspalum distichum* L. Infrequent; ditches and low woods; throughout. MWM 2952
- Paspalum floridanum* Michx. Occasional; roadsides, meadows, and dry woods; throughout. MWM 2571; JRM 7349
- Paspalum fluitans* (Elliott) Kunth. Occasional; margins of sloughs and on mudflats; LB, NCP, YMD\*. MWM 2555
- Paspalum laeve* Michx. Common; fields, meadows, and roadsides; throughout. MWM 1187, 2947; JRM 7351
- Paspalum notatum* Flugge. Common; roadsides and waste places; throughout. Introduced. MWM 2045
- Paspalum setaceum* Michx. Infrequent; upland fields and roadsides; NCP. MWM 1187a
- Paspalum urvillei* Steud. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 2164; JRM 7486
- Phalaris caroliniana* Walter. Occasional; woodland borders and roadsides; LB, NCP, YMD\*. MWM 923; JRM 7837
- Phanopyrum gymnocarpon* (Elliott) Nash. Occasional; margins of bald cypress-water tupelo swamps and drawn-down sloughs; YMD, LB/YMD. MWM 2967, 2977
- Piptochaetium avenaceum* (L.) Parodi. Rare; dry woods; LB/NCP. MWM 2766; JRM 9450
- Poa annua* L. Abundant; lawns, fields, and waste places; throughout. Introduced. MWM 596; JRM 8222
- Poa autumnalis* Muhl. ex Elliott. Frequent; rich and low woods; throughout (uncommon in YMD). MWM 720; JRM 8479
- Poa bulbosa* L. Rare; open grassy areas; NCP. Introduced. JRM 8334
- Poa chapmaniana* Scribn. Occasional; fields, woodland borders, and waste places; throughout. MWM 2789, 2823
- Poa pratensis* L. Occasional; pastures, lawns, and waste places; LB, NCP. Introduced. MWM 947; JRM 8494
- Saccharum alopecuroides* (L.) Nutt. Infrequent; meadows and woodland borders in uplands; NCP. MWM 2529; JRM 9209
- Saccharum baldwinii* Spreng. Occasional; low woods and meadows; LB, NCP, YMD\*. MWM 2630
- Saccharum brevibarbe* (Michx.) Pers. var. *contortum* (Elliott) R. Webster. Frequent; meadows, borders of upland woods; LB, NCP. MWM 2645; JRM 7858
- Saccharum giganteum* (Walter) Pers. Frequent; meadows, creek banks, and woodland borders; throughout. MWM 2479; JRM 7670
- Schedonorus phoenix* (Scop.) Holub. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 922; JRM 8138
- Schizachyrium scoparium* (Michx.) Nash. Frequent; dry woods, fields, and roadsides; LB, NCP. MWM 2608
- Setaria faberi* R. A. W. Herrm. Infrequent; roadsides, fields, and waste places; throughout. Introduced. MWM 2900, 2935; JRM 7264
- Setaria parviflora* (Poir.) Kerguelen. Common; roadsides, fields, and waste places; throughout. MWM 1177; JRM 7268
- Setaria pumila* (Poir.) Roem. & Schult. Occasional; roadsides, fields, and waste places; throughout. Introduced. JRM 7266
- Sorghastrum elliottii* (C. Mohr) Nash. Rare; dry woods; NCP. MWM 2676; JRM 9166
- Sorghastrum nutans* (L.) Nash. Frequent; low to dry woods, meadows, and roadsides; LB, NCP. MWM 2576; JRM 7679
- Sorghum halepense* (L.) Pers. Abundant; roadsides, cultivated fields, and waste places; throughout. Introduced. MWM 1195; JRM 7503
- Sorghum bicolor* (L.) Moench. Rare; borders of bottomland hardwoods; throughout. Introduced. MWM 2998; JRM 7460
- Sphenopholis filiformis* (Chapm.) Scribn. Infrequent; upland meadows and woodland borders; NCP. JRM 8322
- Sphenopholis nitida* (Biehler) Scribn. Infrequent; open meadows; NCP. JRM 8485
- Sphenopholis obtusata* (Michx.) Scribn. Frequent; low woods, roadsides, and waste places; throughout. MWM 619, 783, 852, 2812
- Sphenopholis pennsylvanica* (L.) Hitchc. Infrequent; bogs and spring branches; NCP. MWM 739
- Sporobolus clandestinus* (Biehler) Hitchc. Rare; dry open woods; NCP. JRM 7610b
- Sporobolus indicus* (L.) R. Br. Occasional; roadsides, fields, and waste places; throughout. Introduced. MWM 2266, 2912
- Sporobolus junceus* (Michx.) Kunth. Infrequent; dry open woods; NCP. MWM 2670; JRM 7610
- Sporobolus vaginiflorus* (Torr.) Wood. Rare; open disturbed area; NCP. JRM s.n.
- Steinchisma hians* (Elliott) Nash. Occasional; low woods, ditches, and marshes; throughout. MWM 2293, 2542a, 2894
- Tridens flavus* (L.) Hitchc. Common; meadows, woodland borders, and roadsides; throughout. MWM 2390, 2478, 2646; JRM 7323
- Tridens strictus* (Nutt.) Nash. Occasional; meadows, woodland borders, and roadsides; throughout. MWM 2294, 2498; JRM 7451
- Tripsacum dactyloides* L. Occasional; low woods, meadows, and roadsides; throughout. MWM 1013; JRM 7487
- Triticum aestivum* L. Infrequent; escape from food plots; NCP. Introduced. JRM 8595
- Urochloa platyphylla* (Munro ex C. Wright) R. D. Webster. Frequent; fields and waste places; throughout. MWM 2381
- Urochloa ramosa* (L.) Nguyen. Infrequent; escape from wildlife food plots; NCP. Introduced. JRM 7314



*Vulpia myuros* (L.) K. C. Gmel. Occasional; roadsides and meadows; NCP. Introduced. JRM 7064

*Vulpia octoflora* (Walter) Rydb. Occasional; fields, roadsides, and dry woods; LB, NCP. MWM 979, 983

*Zea mays* L. Rare; borders of dry woods; LB/NCP. Introduced. MWM 3001

*Zoysia japonica* Steud. Infrequent; lawns; NCP. Introduced. JRM 8301

#### **Polemoniaceae**

*Phlox carolina* L. Rare (although locally common); bottomland woods and meadows; YMD. MWM 2846

*Phlox divaricata* L. Frequent; rich woods; LB\*, NCP. MWM 539; JRM 8254

*Phlox pilosa* L. Common; upland woods, meadows, and roadsides; LB, NCP. MWM 630

#### **Polygalaceae**

*Polygala incarnata* L. Occasional; borders of upland woods and old fields; NCP. MWM 2035

*Polygala mariana* Mill. Occasional; borders of upland woods, old fields, and bogs; NCP. MWM 2036

*Polygala sanguinea* L. Infrequent; woodland borders and old fields; NCP. MWM 2104

#### **Polygonaceae**

*Brunnichia ovata* (Walter) Shinn. Common; bottomland woods, fields, roadsides, and river banks; throughout. MWM 2133

*Fallopia scandens* (L.) Holub. Frequent; woodland borders, thickets, fence rows, and creek banks; LB\*, NCP, YMD. MWM 2524

*Persicaria glabra* (Willd.) M. Gomez. Occasional; marshes, ditches, and margins of bald cypress-water tupelo swamps; LB, NCP, YMD\*. MWM 2668

*Persicaria hydropiperoides* (Michx.) Small. Common; marshes, ditches, and the margins of bald cypress-water tupelo swamps; throughout. MWM 2920; JRM 7398

*Persicaria lapathifolia* (L.) S.F. Gray. Frequent; marshes, ditches, and margins of bald cypress-water tupelo swamps; throughout. MWM 2617a, 2636; JRM 7276

*Persicaria longiseta* (de Bruijn) Kitagawa. Rare; fields and roadsides; NCP. Introduced. JRM 7819b, 9082

*Persicaria pensylvanica* (L.) M. Gomez. Common; marshes, ditches, and low fields; throughout. MWM 2497; JRM 7279, 8220

*Persicaria punctata* (L.) Small. Infrequent; marshes, wet meadows, and swamp forests; NCP. MWM 997; JRM 8221

*Persicaria sagittata* (L.) H. Gross. Occasional; bogs and marshes; NCP. MWM 2574a, 2647

*Persicaria setacea* (Baldwin) Small. Infrequent; low fields and bottomland woods; throughout. MWM 2382, 2561a; JRM 7499

*Persicaria virginiana* (L.) Gaertn. Common; bottomland and rich woods; throughout. MWM 2334a; JRM 7619

*Polygonum aviculare* L. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 2698; JRM 7261

*Rumex acetosella* L. Infrequent; disturbed upland woods; NCP. Introduced. JRM 7299

*Rumex crispus* L. Common; fields, roadsides, and waste places; throughout. Introduced. MWM 854, 2046a; JRM 8585

*Rumex hastatulus* Baldwin. Occasional; sandy fields; LB, NCP. MWM 779; JRM 8295

*Rumex pulcher* L. Common; fields pastures, and waste places; throughout. Introduced. MWM 955; JRM 8774

*Rumex verticillatus* L. Occasional; low woods and swamp forests; YMD\*, LB. MWM 700

#### **Pontederiaceae**

*Heteranthera limosa* (Sw.) Willd. Occasional; marshes, mudflats, ephemeral pools, and rice fields; LB, NCP, YMD\*. MWM 2334

#### **Portulacaceae**

*Portulaca oleracea* L. Infrequent; fields, waste places, and sandbars along creeks and rivers; throughout. Introduced. MWM 2128

#### **Potamogetonaceae**

*Potamogeton diversifolius* Raf. Infrequent; pools and ponds; LB/NCP, NCP. MWM 2872; JRM 7410

*Potamogeton pusillus* L. Rare; artificial ponds; NCP. JRM 7409

#### **Primulaceae**

*Lysimachia ciliata* L. Rare; low, rich woods; NCP. MWM 3024

*Lysimachia lanceolata* Walter. Occasional; bogs, moist meadows, thickets, and along streams; LB, NCP\*. MWM 2018, 2867

*Lysimachia radicans* Hook. Frequent; low, wet woods; YMD. MWM 1196, 2054

*Samolus parviflorus* Raf. Infrequent; low, wet woods; throughout. MWM 1050, 2848; JRM 8763, 8855

#### **Ranunculaceae**

*Actaea pachypoda* Elliott. Occasional; rich woods; LB\*, NCP. MWM 663, 716, 796; JRM 8591, 8939

*Anemone virginiana* L. Rare; rich woods; NCP. MWM 2167; JRM 9508

*Clematis crispa* L. Occasional; woodland borders and thickets; YMD. MWM 699

*Clematis virginiana* L. Frequent; in thickets and along streams and creeks in rich or low woods; throughout. MWM 2519; JRM 7419

*Consolida ajacis* (L.) Schur. Rare; roadsides; NCP. Introduced. MWM 2875

*Myosurus minimus* L. Occasional; low fields; throughout. MWM 2723, 2745

*Ranunculus abortivus* L. Common; low woods, fields, lawns, and waste places; throughout. MWM 594, 2786; JRM 8303

*Ranunculus hispidus* Michx. Occasional; rich to dry-mesic woods; LB, NCP. MWM 542; JRM 8329b

*Ranunculus muricatus* L. Rare; lawns; NCP. Introduced. JRM 8239b

*Ranunculus parviflorus* L. Infrequent; wet meadows and lawns; NCP. Introduced. JRM 7088

*Ranunculus pusillus* Poir. Common; marshes, ditches, and wet fields; throughout. MWM 627; JRM 7089

*Ranunculus recurvatus* Poir. Frequent; rich and low woods; LB\*, NCP, YMD. MWM 793, 2759, 2773; JRM 8473b

*Ranunculus sardous* Crantz. Abundant; fields, pastures, roadsides, lawns, and waste places; throughout. Introduced. MWM 795, 1003, 2752; JRM 7090, 8137

*Thalictrum pubescens* Pursh. Occasional; rich woods, meadows, and stream banks; LB, NCP. MWM 974; JRM 9482

#### **Rhamnaceae**

*Berchemia scandens* (Hill) K. Koch. Common; low to upland woods; throughout. MWM 925

*Ceanothus americanus* L. Frequent; upland woods and clearings; LB, NCP. MWM 984; JRM 8819

*Frangula caroliniana* (Walter) A. Gray. Occasional; rich woods; LB, NCP. MWM 613, 2159

#### **Rosaceae**

*Agrimonia parviflora* Aiton. Infrequent; low, rich woodland borders and stream banks; LB, NCP. MWM 2551; JRM 7611

*Agrimonia rostellata* Wallr. Common; rich to dry-mesic woods; LB, NCP. MWM 2279, 2974

*Alchemilla microcarpa* Boiss. & Reuter. Rare; wet meadows and lawns; NCP. Introduced. JRM s.n.

*Amelanchier arborea* (Michx. f.) Fern. Frequent; upland woods, along streams, and slopes near springs and bogs; LB, NCP\*. MWM 523, 658, 2532

*Crataegus berberifolia* Torr. & A. Gray. var. *engelmannii* (Sarg.) Eggl. Rare; along streams and creeks in rich woods; NCP. MWM 3056



- Crataegus calpodendron* (Ehrh.) Medik. Occasional; rich woods; LB\*, LB/NCP. MWM 725, 756; JRM 9096
- Crataegus crus-galli* L. Occasional; upland woods; NCP. MWM 2011, 2271, 3018; JRM 9484
- Crataegus marshallii* Eggl. Common; bottomland to upland woods; throughout. MWM 2017
- Crataegus pruinosa* (H. L. Wendl.) K. Koch. Uncommon; low, rich woods and stream banks; NCP. MWM 2155, 2772
- Crataegus pulcherrima* Ashe. Rare; upland woods; NCP. MWM 2909
- Crataegus viridis* L. Frequent; low woods; LB, NCP, YMD\*. MWM 665
- Duchesnea indica* (Andrews) Focke. Common; woodland borders, pastures, lawns, and waste places; Introduced. Throughout. MWM 649
- Geum canadense* Jacq. Occasional; rich and low woods; LB\*, NCP, YMD. MWM 935; JRM 8940
- Photinia pyrifolia* (Lam.) K. R. Robertson & J. B. Phipps. Occasional; bogs and spring branches; NCP. MWM 2400, 2739; JRM 7242, 9054
- Potentilla recta* L. Infrequent; meadows and roadsides; LB. Introduced. MWM 2827
- Potentilla simplex* Michx. Common; bottomland to upland woods; throughout (not common in YMD). MWM 657
- Prunus angustifolia* Marshall. Common; woodland borders and roadsides; throughout. Introduced. MWM 2705; JRM 9456
- Prunus mexicana* S. Watson. Frequent; bottomland to upland woods; throughout. MWM 524, 541; JRM 8896
- Prunus persica* (L.) Batsch. Infrequent; roadsides and woodland borders; throughout. Introduced. MWM 2711
- Prunus serotina* Ehrh. Common; bottomland to upland woods; throughout. MWM 620
- Pyrus communis* L. Infrequent; escape at old house sites; NCP. Introduced. JRM s.n.
- Rosa carolina* L. Common; upland woods and roadsides; LB, NCP. MWM 936; JRM 9457
- Rosa chinensis* Jacq. Infrequent; escape from planting; NCP. Introduced. JRM 9474
- Rosa eglanteria* L. Infrequent; along fence rows and in pastures; LB, NCP. Introduced. MWM 999
- Rosa multiflora* Thunb. Occasional; along roadsides, fence rows, pastures, and thickets; throughout. Introduced. MWM 865; JRM 9370
- Rubus bifrons* Vest. Rare; roadside thickets; LB/NCP. Introduced. MWM 2855
- Rubus flagellaris* Willd. Occasional; bottomland to upland woods and woodland borders; LB, NCP. JRM s.n.
- Rubus pensilvanicus* Poir. Abundant; bottomland to upland woods, old fields, fence rows, and pastures; throughout. MWM 762
- Rubus trivialis* Michx. Frequent; woodland borders, exposed creek banks, roadsides, and old fields; throughout. MWM 624
- Spiraea menziesii* Hook. Rare; woodland borders; NCP. Introduced. MWM 2874
- Spiraea prunifolia* Siebold & Zucc. Infrequent; woodland borders and old house sites; NCP. Introduced. MWM 2719

### Rubiaceae

- Cephalanthus occidentalis* L. Common; margins of bald cypress-water tupelo swamps, low woods, along creeks and rivers, and marshes; throughout. MWM 2052; JRM 8818
- Diodia teres* Walter. Common; sandy fields, woodland borders, roadsides, and waste places; throughout. MWM 2030; JRM 7357
- Diodia virginiana* L. Common; ditches, low woodland borders, lawns, and marshes; throughout. MWM 1188a; JRM 7404
- Galium aparine* L. Common; woodland borders, roadsides, fields, and waste places; throughout. MWM 611

- Galium circaezans* Michx. Common; bottomland to upland woods; throughout. MWM 943
- Galium parisiense* L. Occasional; roadsides; NCP. Introduced. JRM 8784
- Galium pedemontanum* (Bellardi) Allioni. Rare; cutover woods and moist meadow; NCP. Introduced. JRM 8771, 8796
- Galium pilosum* Aiton. Occasional; dry upland woods; LB, NCP. MWM 2726, 2883; JRM 8850b
- Galium tinctorium* L. Infrequent; low woods; throughout. MWM 711; JRM 9451
- Galium triflorum* Michx. Occasional; rich woods; LB, NCP. MWM 2871; JRM 8854
- Galium uniflorum* Michx. Common; upland woods; LB, NCP\*. MWM 982, 2109a
- Houstonia micrantha* (Shinners) Terrell. Infrequent; lawns; NCP. JRM 7026
- Houstonia purpurea* (L.) Torr. & A. Gray. Occasional; woodland borders, meadows, and old fields; LB, NCP. MWM 769
- Houstonia pusilla* Schopf. Common; woodland borders, old fields, pastures, lawns, and roadsides; throughout. MWM 562; JRM 8240
- Houstonia rosea* (Raf.) Terrell. Rare; lawns; NCP. JRM 8225
- Mitchella repens* L. Common; bottomland to upland woods; throughout. MWM 775; JRM 8903b
- Oldenlandia boscii* (DC.) Chapm. Occasional; marshes, wet meadows, mudflats around Grenada Lake, and moist sandbars along creeks and rivers; NCP. MWM 2650a, 2970; JRM 7437
- Oldenlandia uniflora* L. Rare; wet meadows and pond margins; NCP. JRM 7454
- Richardia brasiliensis* Gomes. Rare; fallowed field; NCP. Introduced. JRM 8214
- Richardia scabra* L. Rare; disturbed ground around construction site; NCP. Introduced. JRM 7388
- Sherardia arvensis* L. Infrequent; woodland borders, lawns, and roadsides; throughout. Introduced. MWM 758; JRM 8725, 8765
- Spermacoce glabra* Michx. Occasional; low, wet woods, marshes, and ditches; YMD. MWM 2255

### Ruscaceae

- Maianthemum racemosum* (L.) Link. Frequent; rich to dry-mesic woods; LB, NCP. MWM 753; JRM 7869b
- Polygonatum biflorum* (Walter) Elliott. Occasional; rich woods; LB, NCP. MWM 859

### Salicaceae

- Populus alba* L. Infrequent; old house sites; throughout. Introduced. MWM 2526
- Populus deltoides* Marshall. Frequent; low woods and along creeks and rivers; throughout. MWM 1009; JRM 9030
- Populus heterophylla* L. Frequent; swamp forests; LB, NCP, YMD\*. MWM 1183
- Salix exigua* Nutt. Infrequent; sandbars along creeks; LB. MWM 2345a
- Salix nigra* Marshall. Common; low woods, creek and river banks; throughout. MWM 661; JRM 7403

### Santalaceae

- Comandra umbellata* (L.) Nutt. Rare (known site probably destroyed); roadside in dry open woods; NCP. JRM 8325

### Sapindaceae

- Acer floridanum* (Chapm.) Pax. Frequent; rich woods; LB\*, NCP. MWM 638a
- Acer negundo* L. Frequent; low woods, especially along creek and river banks; throughout. MWM 655
- Acer rubrum* L. Common; low to upland woods; throughout. MWM 732; JRM 8285



- Acer saccharinum* L. Frequent; low woods, especially along creek and river banks; throughout. MWM 641; JRM 9188  
*Aesculus pavia* L. Frequent; rich woods; throughout (rare in YMD). MWM 538; JRM 8264  
*Cardiospermum halicababum* L. Infrequent; escape from cultivation; NCP. Introduced. JRM 7274, 9203

#### Sapotaceae

- Sideroxylon lycioides* L. Infrequent; along creeks in bottomland woods; YMD, LB, LB/NCP. MWM 2127

#### Saururaceae

- Saururus cernuus* L. Common; marshes, low woods, and margins of bald cypress-water tupelo swamps; throughout. MWM 1048; JRM 8895

#### Saxifragaceae

- Micranthes virginensis* (Michx.) Small. Rare (although locally common); upper rocky slopes in rich woods; LB. MWM 567

#### Schisandraceae

- Schisandra glabra* (Brickell) Rehder. Occasional; rich woods; LB\*, NCP. MWM 752, 2003

#### Scrophulariaceae

- Scrophularia marilandica* L. Uncommon; rich woods and thickets; LB. MWM 2490  
*Verbascum blattaria* L. Rare; fields and borders of upland woods; LB. Introduced. MWM 2851; JRM 9716  
*Verbascum thapsus* L. Occasional; roadsides and woodland borders; LB, NCP. Introduced. MWM 2385

#### Smilacaceae

- Smilax bona-nox* L. Occasional; low to upland woods; throughout. MWM 988  
*Smilax glauca* Walter. Common; low to upland woods; throughout. MWM 840, 941; JRM 7822  
*Smilax herbacea* L. Occasional; rich and low woods; LB, NCP. MWM 930  
*Smilax laurifolia* L. Rare; bogs; NCP. MWM 2969, 2975  
*Smilax rotundifolia* L. Common; low woods; throughout. MWM 618, 991  
*Smilax smallii* Morong. Occasional; rich and low woods to upland woods; LB, NCP. MWM 606, 617; JRM 7823  
*Smilax tamnoides* L. Frequent; rich and low woods; throughout (less common in NCP). MWM 792; JRM 7614

#### Solanaceae

- Datura stramonium* L. Rare; edges of cultivated fields; LB, NCP. Introduced. MWM 2956; JRM 7518  
*Petunia x hybrida* E.Vilm. Rare; roadsides; NCP. Introduced. MWM 2876  
*Physalis angulata* L. Frequent; cultivated fields and roadsides; throughout. MWM 2265; JRM 7427  
*Physalis heterophylla* Nees. Infrequent; woodland borders; LB, NCP. MWM 2862; JRM 7620, 8429b  
*Physalis pubescens* L. Infrequent; deciduous woods; LB. MWM 2580  
*Physalis virginiana* Mill. Infrequent; woodland borders and roadsides; NCP. MWM 951  
*Solanum carolinense* L. Common; roadsides, cultivated fields, and waste places; throughout. MWM 967; JRM 7509  
*Solanum ptychanthum* Dunal. Occasional; bottomland to upland woods, fields, and roadsides; throughout. MWM 2288; JRM 7864  
*Solanum viarum* Dunal. Rare; ruderal; NCP. Introduced. JRM 8981

#### Sphenocleaceae

- Sphenoclea zeylanica* Gaertn. Infrequent; margins of bald cypress-water tupelo swamps, drawn-down sloughs, and rice fields; throughout. Introduced. MWM 2962

#### Staphyleaceae

- Staphylea trifolia* L. Rare (although locally common); rich woods; LB. MWM 2749

#### Styracaceae

- Styrax americanus* Lam. Occasional; low woods; LB, NCP, YMD\*. MWM 731, 926  
*Styrax grandifolius* Aiton. Frequent; rich to dry-mesic woods; LB, NCP. MWM 601, 651; JRM 8414

#### Symplocaceae

- Symplocos tinctoria* (L.) L'Her. Frequent; bottomland to rich woods, along streams, and slopes near springs and bogs; throughout (rare in YMD). MWM 568, 3027; JRM 7692

#### Tetrachondraceae

- Polypremum procumbens* L. Common; sandy fields, borders of upland woods, and roadsides; throughout. MWM 2028b; JRM 7359

#### Tiliaceae

- Tilia americana* L. Rare; rich woods; LB/NCP, NCP. MWM 2743, 2914; JRM 8780

#### Trilliaceae

- Trillium recurvatum* Beck. Frequent; rich woods; LB\*, NCP (uncommon in NCP). MWM 564; JRM 8288

#### Typhaceae

- Typha latifolia* L. Frequent; marshes and ditches; throughout. MWM 2174

#### Ulmaceae

- Planera aquatica* Walter ex J. F. Gmel. Frequent; margins of bald cypress-water tupelo swamps, sloughs, and river banks; throughout. MWM 1063  
*Ulmus alata* Michx. Common; bottomland to upland woods; throughout. MWM 644, 729, 767, 953, 2002; JRM 7370  
*Ulmus americana* L. Common; low woods and along creeks and streams; throughout. MWM 780a; JRM 8214b  
*Ulmus crassifolia* Nutt. Infrequent; bottomland hardwood forests; YMD. MWM 2258  
*Ulmus rubra* Muhl. Frequent; rich woods; LB, NCP. MWM 780; JRM 7231, 7534  
*Ulmus serotina* Sarg. Uncommon; upland woods; LB. MWM 2517, 2629, 2782

#### Urticaceae

- Boehmeria cylindrica* (L.) Sw. Common; low woods, swamp forests, and marshes; throughout. MWM 2273; JRM 7422  
*Laportea canadensis* (L.) Wedd. Infrequent; (although locally common); rich and alluvial woods; LB, LB/NCP. MWM 2584; JRM 7780  
*Pilea pumila* (L.) A. Gray. Frequent; low woods; throughout. MWM 2562; JRM 7783  
*Urtica chamaedryoides* Pursh. Infrequent; rich and alluvial woods; YMD, LB\*. MWM 586

#### Valerianaceae

- Valerianella radiata* (L.) Dufr. Common; roadsides, fields, and woodland borders; throughout. MWM 592; JRM 8302

#### Verbenaceae

- Phyla lanceolata* (Michx.) Greene. Occasional; marshes, ditches, and low woods; LB, NCP, YMD\*. MWM 2254, 2992  
*Verbena bonariensis* L. Infrequent; roadsides, fields, and waste places; throughout. Introduced. MWM 2892; JRM 7247  
*Verbena brasiliensis* Vell. Common; roadsides, fields, and waste places; throughout. Introduced. MWM 1011, 2893; JRM 8135  
*Verbena rigida* (L.) Spreng. Rare; roadside ditch bank; NCP. Introduced. JRM 8766  
*Verbena simplex* Lehm. Rare; moist meadow; NCP. JRM 9746



*Verbena urticifolia* L. Frequent; woodland borders, fields, marshes, and waste places; throughout. MWM 2121, 2976; JRM 7273

#### Violaceae

*Hybanthus concolor* (Forster) Spreng. Rare (although locally common); rich woods; LB/NCP. JRM 8590

*Viola bicolor* Pursh. Common; fields, roadsides, woodland borders, pastures, and lawns; throughout. MWM 522; JRM 8293

*Viola palmata* L. Common; upland woods; LB, NCP. MWM 566; JRM 8255, 8262

*Viola primulifolia* L. Rare (although locally common); bogs and spring branches; NCP. MWM 549

*Viola sororia* Willd. Common; rich and low woods; throughout. MWM 537

*Viola walteri* House. Frequent; rich woods; LB\*, NCP. MWM 565; JRM 7248, 8261

#### Viscaceae

*Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnst. Common; parasitic on branches and trunks of hardwoods; throughout. MWM 2708; JRM 9277

#### Vitaceae

*Ampelopsis arborea* (L.) Koehne. Common; low woodland borders, thickets, roadsides, and along ditches; throughout. MWM 2125

*Ampelopsis cordata* Michx. Frequent; low woods, thickets, and along creeks and streams; throughout (rare in NCP). MWM 1062

*Parthenocissus quinquefolia* (L.) Planch. Common; bottomland to upland woods; throughout. MWM 2144

*Vitis aestivalis* Michx. Frequent; bottomland to upland woods; throughout. MWM 2521

*Vitis cinerea* Engelm. ex Millard. Occasional; low woods; YMD. MWM 2841

*Vitis palmata* Vahl. Frequent; low woods; YMD. MWM 2496

*Vitis rotundifolia* Michx. Common; bottomland to upland woods; throughout. MWM 1061; JRM 7870

*Vitis vulpina* L. Infrequent; bottomland woods, especially along creek and river banks; throughout. MWM 959, 1199

#### Xanthorrhoeaceae

*Hemerocallis fulva* L. Occasional; roadsides and old house sites; throughout. Introduced. MWM 2844; JRM 8727

#### Xyridaceae

*Xyris difformis* Chapm. var. *curtissii* (Malme) Kral. Rare; open sandy seepage area; NCP. MWM 3010, 3016

*Xyris torta* Sm. Occasional; open bogs and seepage areas; NCP. MWM 2403, 2939, 3014; JRM 8904

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